

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007564.D
 Acq On : 21 Feb 2022 12:32
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 21 14:20:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 14:18:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	104813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	165051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	153776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	24057	21.202	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.400%	#	
35) Dibromofluoromethane	7.722	113	24160	23.300	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	46.600%	#	
50) Toluene-d8	10.179	98	83869	21.684	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	43.360%	#	
62) 4-Bromofluorobenzene	12.477	95	29432	22.395	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	44.780%	#	
						Qvalue
2) Dichlorodifluoromethane	1.906	85	29113	25.033	ug/l	99
3) Chloromethane	2.113	50	24539	21.645	ug/l	100
4) Vinyl Chloride	2.253	62	25651	22.052	ug/l	99
5) Bromomethane	2.644	94	17994	22.100	ug/l	99
6) Chloroethane	2.790	64	15742	22.476	ug/l	99
7) Trichlorofluoromethane	3.125	101	54168	24.224	ug/l	90
8) Diethyl Ether	3.534	74	13859	21.971	ug/l	67
9) 1,1,2-Trichlorotrifluo...	3.893	101	27265	22.649	ug/l	96
10) Methyl Iodide	4.095	142	30747	20.578	ug/l	98
11) Tert butyl alcohol	4.966	59	10536	117.109	ug/l #	77
12) 1,1-Dichloroethene	3.875	96	24141	21.708	ug/l	80
13) Acrolein	3.729	56	9980	114.463	ug/l	97
14) Allyl chloride	4.485	41	26099	17.343	ug/l #	74
15) Acrylonitrile	5.168	53	27157	99.945	ug/l	99
16) Acetone	3.948	43	26445	91.585	ug/l #	89
17) Carbon Disulfide	4.198	76	64080	20.283	ug/l	98
18) Methyl Acetate	4.473	43	12739	20.188	ug/l #	77
19) Methyl tert-butyl Ether	5.228	73	67485	21.825	ug/l	91
20) Methylene Chloride	4.716	84	26592	21.588	ug/l #	77
21) trans-1,2-Dichloroethene	5.222	96	25502	21.198	ug/l #	79
22) Diisopropyl ether	6.119	45	54819	17.421	ug/l #	83
23) Vinyl Acetate	6.058	43	186597	92.119	ug/l #	87
24) 1,1-Dichloroethane	6.027	63	39315	19.490	ug/l	96
25) 2-Butanone	6.984	43	32544	91.079	ug/l #	72
26) 2,2-Dichloropropane	6.984	77	42815	20.857	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	27974	20.741	ug/l	81
28) Bromochloromethane	7.338	49	12741	16.899	ug/l #	16
29) Tetrahydrofuran	7.344	42	19994	94.474	ug/l #	66
30) Chloroform	7.509	83	48786	21.931	ug/l	97
31) Cyclohexane	7.783	56	34519	17.848	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	48816	22.981	ug/l	94
36) 1,1-Dichloropropene	7.923	75	34425	21.074	ug/l	96
37) Ethyl Acetate	7.070	43	14511	19.947	ug/l #	89
38) Carbon Tetrachloride	7.899	117	44950	23.590	ug/l	95
39) Methylcyclohexane	9.185	83	43124	20.456	ug/l #	84
40) Benzene	8.161	78	90246	20.202	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
 Data File : VY007564.D
 Acq On : 21 Feb 2022 12:32
 Operator : SY/MD
 Sample : VSTDICC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 21 14:20:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 14:18:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	8001m	17.275	ug/l	
42) 1,2-Dichloroethane	8.240	62	30711	22.062	ug/l	96
43) Isopropyl Acetate	8.271	43	28588	19.253	ug/l #	82
44) Trichloroethene	8.941	130	29245	22.575	ug/l	93
45) 1,2-Dichloropropane	9.216	63	20692	19.576	ug/l	98
46) Dibromomethane	9.307	93	15592	22.958	ug/l	97
47) Bromodichloromethane	9.496	83	36258	22.121	ug/l	98
48) Methyl methacrylate	9.289	41	11776	17.997	ug/l #	66
49) 1,4-Dioxane	9.301	88	3699	508.704	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	71271	97.033	ug/l #	83
52) Toluene	10.246	92	60508	20.962	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	37253	22.061	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	39842	21.162	ug/l #	88
55) 1,1,2-Trichloroethane	10.648	97	21068	23.639	ug/l	90
56) Ethyl methacrylate	10.508	69	25630	21.665	ug/l #	78
57) 1,3-Dichloropropane	10.788	76	33044	21.718	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	60333	98.182	ug/l #	83
59) 2-Hexanone	10.831	43	50767	96.713	ug/l	85
60) Dibromochloromethane	10.984	129	27172	23.729	ug/l	98
61) 1,2-Dibromoethane	11.087	107	20451	22.804	ug/l	98
64) Tetrachloroethene	10.721	164	27111	22.579	ug/l	98
65) Chlorobenzene	11.514	112	68073	20.721	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	26731	21.321	ug/l	99
67) Ethyl Benzene	11.593	91	120837	19.804	ug/l	98
68) m/p-Xylenes	11.703	106	90204	38.978	ug/l	98
69) o-Xylene	12.026	106	44375	20.228	ug/l	99
70) Styrene	12.044	104	73536	20.392	ug/l	98
71) Bromoform	12.209	173	16997	24.218	ug/l #	95
73) Isopropylbenzene	12.331	105	124648	20.088	ug/l	98
74) N-amyl acetate	12.142	43	23783	17.314	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	21925	20.692	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	19771m	24.016	ug/l	
77) Bromobenzene	12.605	156	29474	21.868	ug/l	85
78) n-propylbenzene	12.672	91	144540	19.497	ug/l	98
79) 2-Chlorotoluene	12.758	91	80836	19.771	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	102605	19.931	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7387	19.253	ug/l #	88
82) 4-Chlorotoluene	12.855	91	81076	19.323	ug/l	97
83) tert-Butylbenzene	13.075	119	93138	20.611	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	100212	20.012	ug/l	99
85) sec-Butylbenzene	13.251	105	132732	20.031	ug/l	99
86) p-Isopropyltoluene	13.367	119	112699	20.563	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	53408	20.448	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	52693	20.264	ug/l	98
89) n-Butylbenzene	13.696	91	101368	19.542	ug/l	99
90) Hexachloroethane	13.959	117	21517	20.315	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	48117	20.784	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4326	23.454	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	32140	22.817	ug/l	97
94) Hexachlorobutadiene	15.111	225	19976	24.245	ug/l	100
95) Naphthalene	15.233	128	68029	22.287	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	28652	23.503	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
Data File : VY007564.D
Acq On : 21 Feb 2022 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

Quant Time: Feb 21 14:20:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 14:18:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022122\
Data File : VY007564.D
Acq On : 21 Feb 2022 12:32
Operator : SY/MD
Sample : VSTDICC020
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC020

Quant Time: Feb 21 14:20:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 14:18:18 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

