

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007573.D
 Acq On : 22 Feb 2022 11:24
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
 APPROVED

Reviewed By :John

Carlone

02/23/2022

Supervised By :Mahesh

Dadoda

02/23/2022

Quant Time: Feb 22 14:11:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	89857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	129859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	118755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	56451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	40947	43.998	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.000%		
35) Dibromofluoromethane	7.716	113	39924	48.486	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.980%		
50) Toluene-d8	10.179	98	132557	46.430	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.860%		
62) 4-Bromofluorobenzene	12.483	95	47184	45.643	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	25161	22.583	ug/l	98
3) Chloromethane	2.113	50	19850	21.454	ug/l	98
4) Vinyl Chloride	2.253	62	19557	20.186	ug/l	90
5) Bromomethane	2.644	94	14510	19.125	ug/l	99
6) Chloroethane	2.796	64	11906	19.793	ug/l	99
7) Trichlorofluoromethane	3.125	101	49223	23.228	ug/l	97
8) Diethyl Ether	3.534	74	9419	17.467	ug/l	60
9) 1,1,2-Trichlorotrifluo...	3.906	101	20851	20.023	ug/l	94
10) Methyl Iodide	4.095	142	22118	17.790	ug/l	93
11) Tert butyl alcohol	4.948	59	6867	83.704	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	19023	20.366	ug/l #	73
13) Acrolein	3.729	56	5634	93.121	ug/l	95
14) Allyl chloride	4.479	41	15969	15.865	ug/l #	54
15) Acrylonitrile	5.161	53	15657	75.803	ug/l	96
16) Acetone	3.954	43	18276	83.237	ug/l	92
17) Carbon Disulfide	4.198	76	46595	18.977	ug/l #	91
18) Methyl Acetate	4.473	43	7397	16.566	ug/l #	62
19) Methyl tert-butyl Ether	5.222	73	45962	17.599	ug/l #	88
20) Methylene Chloride	4.723	84	18140	17.075	ug/l #	70
21) trans-1,2-Dichloroethene	5.216	96	17500	18.025	ug/l	85
22) Diisopropyl ether	6.125	45	32818	16.127	ug/l #	86
23) Vinyl Acetate	6.058	43	111911	81.280	ug/l #	80
24) 1,1-Dichloroethane	6.021	63	26967	17.735	ug/l #	90
25) 2-Butanone	6.984	43	19790	79.170	ug/l #	56
26) 2,2-Dichloropropane	6.978	77	32797	19.518	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	19534	17.723	ug/l	80
28) Bromochloromethane	7.332	49	8748	17.018	ug/l #	37
29) Tetrahydrofuran	7.350	42	10776	74.835	ug/l #	54
30) Chloroform	7.509	83	36003	19.250	ug/l	98
31) Cyclohexane	7.783	56	22353	16.156	ug/l #	60
32) 1,1,1-Trichloroethane	7.698	97	38562	20.893	ug/l	94
36) 1,1-Dichloropropene	7.917	75	23433	19.474	ug/l	94
37) Ethyl Acetate	7.076	43	8405	17.119	ug/l #	88
38) Carbon Tetrachloride	7.899	117	36380	22.451	ug/l	91
39) Methylcyclohexane	9.185	83	30896	20.333	ug/l #	78
40) Benzene	8.161	78	62262	19.314	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
 Data File : VY007573.D
 Acq On : 22 Feb 2022 11:24
 Operator : SY/MD
 Sample : VY0222SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0222SBS01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone
 02/23/2022

Supervised By :Mahesh
 Dadoda
 02/23/2022

Quant Time: Feb 22 14:11:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 15:25:36 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.314	41	4075	15.491	ug/l	#	1
42) 1,2-Dichloroethane	8.240	62	22434	19.927	ug/l		92
43) Isopropyl Acetate	8.277	43	17917	17.576	ug/l	#	87
44) Trichloroethene	8.941	130	21338	20.497	ug/l		98
45) 1,2-Dichloropropane	9.222	63	13586	18.347	ug/l		99
46) Dibromomethane	9.307	93	11350	20.645	ug/l		98
47) Bromodichloromethane	9.496	83	26330	20.180	ug/l		96
48) Methyl methacrylate	9.295	41	7398	16.870	ug/l	#	54
49) 1,4-Dioxane	9.295	88	2303	370.527	ug/l	#	75
51) 4-Methyl-2-Pentanone	10.069	43	43377	86.411	ug/l	#	87
52) Toluene	10.240	92	42630	19.296	ug/l		97
53) t-1,3-Dichloropropene	10.465	75	25062	18.841	ug/l		95
54) cis-1,3-Dichloropropene	9.929	75	28107	19.680	ug/l		91
55) 1,1,2-Trichloroethane	10.642	97	14179	19.485	ug/l		95
56) Ethyl methacrylate	10.508	69	16847	18.830	ug/l	#	79
57) 1,3-Dichloropropane	10.788	76	22216	18.932	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.783	63	36534	83.502	ug/l	#	82
59) 2-Hexanone	10.831	43	32146	88.844	ug/l		86
60) Dibromochloromethane	10.984	129	21426	21.487	ug/l		96
61) 1,2-Dibromoethane	11.087	107	14632	20.002	ug/l		98
64) Tetrachloroethene	10.721	164	21041	22.028	ug/l		94
65) Chlorobenzene	11.514	112	49114	19.834	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	20222	20.225	ug/l		100
67) Ethyl Benzene	11.593	91	88733	20.112	ug/l		100
68) m/p-Xylenes	11.703	106	68220	40.612	ug/l		97
69) o-Xylene	12.026	106	32233	20.122	ug/l		98
70) Styrene	12.044	104	53600	20.090	ug/l		99
71) Bromoform	12.209	173	13030	21.084	ug/l	#	99
73) Isopropylbenzene	12.331	105	94014	21.040	ug/l		99
74) N-amyl acetate	12.142	43	15465	17.845	ug/l	#	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	14302	18.494	ug/l		96
76) 1,2,3-Trichloropropane	12.636	75	11764m	17.803	ug/l		
77) Bromobenzene	12.611	156	21256	20.265	ug/l		85
78) n-propylbenzene	12.672	91	107932	20.722	ug/l		97
79) 2-Chlorotoluene	12.758	91	58337	20.005	ug/l		95
80) 1,3,5-Trimethylbenzene	12.813	105	77337	20.646	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.380	75	4686	17.380	ug/l		93
82) 4-Chlorotoluene	12.855	91	57969	19.292	ug/l		94
83) tert-Butylbenzene	13.075	119	69509	20.841	ug/l		100
84) 1,2,4-Trimethylbenzene	13.117	105	76541	20.790	ug/l		98
85) sec-Butylbenzene	13.251	105	98778	20.511	ug/l		99
86) p-Isopropyltoluene	13.367	119	86464	21.319	ug/l		97
87) 1,3-Dichlorobenzene	13.367	146	40661	20.432	ug/l		98
88) 1,4-Dichlorobenzene	13.447	146	41386	20.876	ug/l		97
89) n-Butylbenzene	13.697	91	78293	21.137	ug/l		98
90) Hexachloroethane	13.959	117	17866	22.247	ug/l		88
91) 1,2-Dichlorobenzene	13.739	146	35854	20.141	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3031	21.032	ug/l		79
93) 1,2,4-Trichlorobenzene	15.007	180	26278	22.458	ug/l		97
94) Hexachlorobutadiene	15.111	225	16822	23.843	ug/l		98
95) Naphthalene	15.233	128	50471	20.706	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	22854	22.035	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022222\
Data File : VY007573.D
Acq On : 22 Feb 2022 11:24
Operator : SY/MD
Sample : VY0222SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 22 14:11:41 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022122S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 15:25:36 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0222SBS01

Manual Integrations
APPROVED

Reviewed By :John
Carlone
02/23/2022

Supervised By :Mahesh
Dadoda
02/23/2022

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

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

