

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008435.D
 Acq On : 21 Apr 2022 11:45
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2022
 Supervised By :Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 21 13:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 13:25:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	99089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	173060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	162559	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	76344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	6145	6.047	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.100%#		
35) Dibromofluoromethane	7.722	113	5379	5.093	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.180%#		
50) Toluene-d8	10.179	98	19284	5.267	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.540%#		
62) 4-Bromofluorobenzene	12.477	95	7225	5.285	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.580%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	4548	5.305	ug/l	97
3) Chloromethane	2.113	50	7829	6.731	ug/l	97
4) Vinyl Chloride	2.253	62	9633	6.273	ug/l	96
5) Bromomethane	2.650	94	9777	7.035	ug/l	92
6) Chloroethane	2.796	64	6255	5.902	ug/l	94
7) Trichlorofluoromethane	3.125	101	9596	5.469	ug/l	96
8) Diethyl Ether	3.528	74	3298	5.202	ug/l	68
9) 1,1,2-Trichlorotrifluo...	3.900	101	5645	5.059	ug/l	94
10) Methyl Iodide	4.095	142	5347	4.642	ug/l	91
11) Tert butyl alcohol	4.948	59	4405m	41.679	ug/l	
12) 1,1-Dichloroethene	3.875	96	5360	5.270	ug/l	83
13) Acrolein	3.735	56	2676	31.608	ug/l	99
14) Allyl chloride	4.485	41	6572	4.977	ug/l #	88
15) Acrylonitrile	5.168	53	8471	27.154	ug/l	97
16) Acetone	3.942	43	6854	28.624	ug/l	95
17) Carbon Disulfide	4.198	76	15390	5.551	ug/l	97
18) Methyl Acetate	4.473	43	4769	6.973	ug/l #	79
19) Methyl tert-butyl Ether	5.222	73	16737	5.294	ug/l #	90
20) Methylene Chloride	4.716	84	12883	8.007	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	6397	5.231	ug/l #	73
22) Diisopropyl ether	6.119	45	16194	5.165	ug/l #	90
23) Vinyl Acetate	6.064	43	51080	24.691	ug/l #	87
24) 1,1-Dichloroethane	6.015	63	10025	4.999	ug/l	98
25) 2-Butanone	6.990	43	10294	27.507	ug/l #	84
26) 2,2-Dichloropropane	6.984	77	9498	5.162	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	7268	5.048	ug/l	85
28) Bromochloromethane	7.332	49	4489	5.843	ug/l #	71
29) Tetrahydrofuran	7.350	42	6714	27.985	ug/l #	77
30) Chloroform	7.503	83	11332	5.069	ug/l	100
31) Cyclohexane	7.789	56	10355	5.910	ug/l #	56
32) 1,1,1-Trichloroethane	7.698	97	9622	4.944	ug/l	96
36) 1,1-Dichloropropene	7.923	75	8330	5.063	ug/l	96
37) Ethyl Acetate	7.076	43	5022	5.828	ug/l #	95
38) Carbon Tetrachloride	7.899	117	8775	4.990	ug/l #	83
39) Methylcyclohexane	9.185	83	10034	4.735	ug/l	89
40) Benzene	8.161	78	24329	4.954	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008435.D
 Acq On : 21 Apr 2022 11:45
 Operator : KP/MD
 Sample : VSTDIC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/22/2022
 Supervised By :Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 21 13:27:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 13:25:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	2522m	5.345	ug/l	
42) 1,2-Dichloroethane	8.240	62	7598	5.281	ug/l	89
43) Isopropyl Acetate	8.271	43	8451	5.234	ug/l #	85
44) Trichloroethene	8.941	130	6865	4.969	ug/l	91
45) 1,2-Dichloropropane	9.222	63	5811	4.846	ug/l	93
46) Dibromomethane	9.307	93	4177	5.194	ug/l	89
47) Bromodichloromethane	9.496	83	8755	4.909	ug/l	90
48) Methyl methacrylate	9.295	41	3644	5.290	ug/l #	81
49) 1,4-Dioxane	9.295	88	1002	97.625	ug/l #	73
51) 4-Methyl-2-Pentanone	10.069	43	22965	27.468	ug/l #	84
52) Toluene	10.240	92	15608	4.835	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	9096	4.942	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	10415	5.062	ug/l #	83
55) 1,1,2-Trichloroethane	10.648	97	5858	5.160	ug/l	90
56) Ethyl methacrylate	10.508	69	6627	4.702	ug/l #	78
57) 1,3-Dichloropropane	10.789	76	9299	5.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	19131	31.727	ug/l #	89
59) 2-Hexanone	10.831	43	14496	25.081	ug/l	86
60) Dibromochloromethane	10.984	129	6082	4.601	ug/l	97
61) 1,2-Dibromoethane	11.087	107	5546	4.988	ug/l	95
64) Tetrachloroethene	10.721	164	5878	5.073	ug/l	94
65) Chlorobenzene	11.520	112	17497	4.884	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	6255	4.702	ug/l	97
67) Ethyl Benzene	11.593	91	29032	4.767	ug/l	100
68) m/p-Xylenes	11.703	106	21997	9.074	ug/l	94
69) o-Xylene	12.026	106	10983	4.677	ug/l	91
70) Styrene	12.044	104	17724	4.542	ug/l	93
71) Bromoform	12.209	173	3637	4.492	ug/l #	98
73) Isopropylbenzene	12.331	105	27749	4.834	ug/l	99
74) N-amyl acetate	12.142	43	7227	5.556	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.587	83	6426	5.164	ug/l	95
76) 1,2,3-Trichloropropane	12.630	75	5185m	5.922	ug/l	
77) Bromobenzene	12.605	156	6972	4.921	ug/l	94
78) n-propylbenzene	12.672	91	33440	4.912	ug/l	99
79) 2-Chlorotoluene	12.758	91	19909	5.195	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	23064	4.895	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	1956	4.962	ug/l	91
82) 4-Chlorotoluene	12.855	91	19314	4.887	ug/l	95
83) tert-Butylbenzene	13.075	119	19636	4.672	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	22608	4.843	ug/l	95
85) sec-Butylbenzene	13.252	105	29707	4.747	ug/l	98
86) p-Isopropyltoluene	13.373	119	24633	4.734	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	13510	4.850	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	13958	5.064	ug/l	95
89) n-Butylbenzene	13.697	91	22450	4.738	ug/l	99
90) Hexachloroethane	13.959	117	4379	4.501	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	12055	4.859	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.361	75	1007	5.633	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	6945	4.738	ug/l	98
94) Hexachlorobutadiene	15.117	225	3389	4.603	ug/l	95
95) Naphthalene	15.239	128	15880	4.985	ug/l	97
96) 1,2,3-Trichlorobenzene	15.422	180	6147	4.776	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
Data File : VY008435.D
Acq On : 21 Apr 2022 11:45
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/22/2022
Supervised By :Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 21 13:27:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 21 13:25:46 2022
Response via : Initial Calibration

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

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

