

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008441.D
 Acq On : 21 Apr 2022 14:57
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY042122

Quant Time: Apr 22 05:24:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	102851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	177639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	170490	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	56456	46.651	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.300%		
35) Dibromofluoromethane	7.722	113	52056	45.406	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	90.820%		
50) Toluene-d8	10.179	98	184760	40.854	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	81.700%		
62) 4-Bromofluorobenzene	12.483	95	68033	44.070	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.140%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	43837	46.935	ug/l	100
3) Chloromethane	2.113	50	70215	47.775	ug/l	94
4) Vinyl Chloride	2.253	62	88088	46.127	ug/l	95
5) Bromomethane	2.656	94	83170	46.838	ug/l	100
6) Chloroethane	2.796	64	58371	45.944	ug/l	96
7) Trichlorofluoromethane	3.131	101	89861	45.423	ug/l	90
8) Diethyl Ether	3.534	74	31049	45.601	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.899	101	54678	46.429	ug/l	95
10) Methyl Iodide	4.101	142	59410	38.685	ug/l	92
11) Tert butyl alcohol	4.948	59	28143	227.420	ug/l	96
12) 1,1-Dichloroethene	3.875	96	51756	46.551	ug/l #	79
13) Acrolein	3.735	56	29257	227.075	ug/l	98
14) Allyl chloride	4.485	41	67322	46.391	ug/l #	86
15) Acrylonitrile	5.167	53	81548	234.242	ug/l	98
16) Acetone	3.948	43	64624	229.267	ug/l #	87
17) Carbon Disulfide	4.198	76	158300	47.095	ug/l	99
18) Methyl Acetate	4.479	43	34687	43.880	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	165592	47.071	ug/l	94
20) Methylene Chloride	4.716	84	70347	47.704	ug/l #	81
21) trans-1,2-Dichloroethene	5.222	96	64002	47.191	ug/l #	78
22) Diisopropyl ether	6.118	45	164606	46.970	ug/l #	93
23) Vinyl Acetate	6.057	43	579022	240.993	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	104757	48.022	ug/l	98
25) 2-Butanone	6.984	43	103179	236.608	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	97410	48.213	ug/l	93
27) cis-1,2-Dichloroethene	6.990	96	74832	48.238	ug/l	81
28) Bromochloromethane	7.338	49	44261	50.300	ug/l #	71
29) Tetrahydrofuran	7.344	42	65279	232.418	ug/l #	73
30) Chloroform	7.508	83	115188	48.064	ug/l	99
31) Cyclohexane	7.789	56	91041	45.761	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	100436	47.861	ug/l	95
36) 1,1-Dichloropropene	7.917	75	85936	47.124	ug/l	97
37) Ethyl Acetate	7.076	43	44973	44.592	ug/l #	90
38) Carbon Tetrachloride	7.905	117	90509	47.769	ug/l	100
39) Methylcyclohexane	9.185	83	114826	49.176	ug/l #	85
40) Benzene	8.161	78	254739	47.880	ug/l	96

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41) Methacrylonitrile	7.326	41	25316m	51.762	ug/l	
42) 1,2-Dichloroethane	8.240	62	77020	48.084	ug/l	90
43) Isopropyl Acetate	8.271	43	86370	46.564	ug/l #	85
44) Trichloroethene	8.941	130	70454	48.067	ug/l	100
45) 1,2-Dichloropropane	9.215	63	62144	48.641	ug/l	99
46) Dibromomethane	9.307	93	42698	47.702	ug/l	95
47) Bromodichloromethane	9.496	83	92363	48.609	ug/l	99
48) Methyl methacrylate	9.295	41	38903	49.328	ug/l #	78
49) 1,4-Dioxane	9.301	88	10625	941.338	ug/l #	77
51) 4-Methyl-2-Pentanone	10.069	43	232114	237.882	ug/l #	86
52) Toluene	10.246	92	170625	48.495	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	99517	48.839	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	108230	47.930	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	58925	48.233	ug/l	96
56) Ethyl methacrylate	10.514	69	76318	48.381	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	95305	47.789	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	217973	252.135	ug/l	90
59) 2-Hexanone	10.831	43	162171	241.517	ug/l	81
60) Dibromochloromethane	10.983	129	69905	49.804	ug/l	99
61) 1,2-Dibromoethane	11.087	107	58204	48.170	ug/l	100
64) Tetrachloroethene	10.721	164	59782	47.284	ug/l	98
65) Chlorobenzene	11.520	112	187491	48.636	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	69177	48.605	ug/l	97
67) Ethyl Benzene	11.593	91	324553	48.511	ug/l	97
68) m/p-Xylenes	11.703	106	258123	96.319	ug/l	92
69) o-Xylene	12.032	106	124389	48.213	ug/l	91
70) Styrene	12.044	104	209411	48.165	ug/l	95
71) Bromoform	12.209	173	43102	48.324	ug/l #	98
73) Isopropylbenzene	12.331	105	318423	50.400	ug/l	100
74) N-amyl acetate	12.142	43	78959	50.580	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	70424	49.889	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	52243m	48.445	ug/l	
77) Bromobenzene	12.611	156	76176	49.439	ug/l	95
78) n-propylbenzene	12.672	91	381659	50.363	ug/l	99
79) 2-Chlorotoluene	12.758	91	209043	49.012	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	259629	49.508	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	24000	51.629	ug/l #	84
82) 4-Chlorotoluene	12.855	91	220148	49.809	ug/l	97
83) tert-Butylbenzene	13.075	119	228195	50.126	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	263389	50.620	ug/l	98
85) sec-Butylbenzene	13.251	105	347701	50.609	ug/l	100
86) p-Isopropyltoluene	13.367	119	291320	50.632	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	148737	48.216	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	148145	48.480	ug/l	99
89) n-Butylbenzene	13.696	91	269611	51.628	ug/l	100
90) Hexachloroethane	13.965	117	53689	51.902	ug/l	81
91) 1,2-Dichlorobenzene	13.739	146	131007	47.762	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10217	48.161	ug/l	76
93) 1,2,4-Trichlorobenzene	15.007	180	76513	50.113	ug/l	99
94) Hexachlorobutadiene	15.111	225	37830	50.781	ug/l	99
95) Naphthalene	15.239	128	170150	49.159	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	65656	49.130	ug/l	99

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

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