

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042122\
 Data File : VY008443.D
 Acq On : 21 Apr 2022 15:59
 Operator : KP/MD
 Sample : VY0421SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0421SBS01

Quant Time: Apr 22 05:25:42 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	7.789	168	85108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	150355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	145745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71748	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53933	53.858	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 107.720%			
35) Dibromofluoromethane	7.716	113	48628	50.113	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.220%			
50) Toluene-d8	10.179	98	169350	44.062	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 88.120%			
62) 4-Bromofluorobenzene	12.483	95	60299	46.148	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	15874	20.539	ug/l	99
3) Chloromethane	2.113	50	28294	23.265	ug/l	98
4) Vinyl Chloride	2.253	62	33951	21.485	ug/l	97
5) Bromomethane	2.643	94	33184	22.584	ug/l	99
6) Chloroethane	2.796	64	23319	22.181	ug/l	96
7) Trichlorofluoromethane	3.125	101	35332	21.583	ug/l	93
8) Diethyl Ether	3.533	74	13459	23.888	ug/l	72
9) 1,1,2-Trichlorotrifluo...	3.899	101	21404	21.964	ug/l	93
10) Methyl Iodide	4.094	142	22644	18.732	ug/l	90
11) Tert butyl alcohol	4.948	59	15044	137.331	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	19752	21.469	ug/l	81
13) Acrolein	3.729	56	13967	131.003	ug/l	95
14) Allyl chloride	4.478	41	25437	21.183	ug/l #	85
15) Acrylonitrile	5.161	53	34252	118.898	ug/l	99
16) Acetone	3.948	43	26875	115.222	ug/l	91
17) Carbon Disulfide	4.192	76	57623	20.717	ug/l	100
18) Methyl Acetate	4.478	43	15286	23.369	ug/l #	86
19) Methyl tert-butyl Ether	5.216	73	65807	22.606	ug/l	96
20) Methylene Chloride	4.716	84	32053	23.104	ug/l #	78
21) trans-1,2-Dichloroethene	5.216	96	24420	21.760	ug/l	83
22) Diisopropyl ether	6.118	45	64105	22.106	ug/l #	94
23) Vinyl Acetate	6.064	43	231549	116.464	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	38946	21.575	ug/l	98
25) 2-Butanone	6.984	43	42564	117.956	ug/l #	80
26) 2,2-Dichloropropane	6.978	77	35936	21.495	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	28728	22.379	ug/l	81
28) Bromochloromethane	7.338	49	16133	22.157	ug/l #	74
29) Tetrahydrofuran	7.344	42	27804	119.631	ug/l #	75
30) Chloroform	7.508	83	43358	21.864	ug/l	99
31) Cyclohexane	7.783	56	34763	21.116	ug/l #	82
32) 1,1,1-Trichloroethane	7.703	97	37135	21.385	ug/l	96
36) 1,1-Dichloropropene	7.923	75	32569	21.100	ug/l	97
37) Ethyl Acetate	7.069	43	20783	24.346	ug/l #	94
38) Carbon Tetrachloride	7.905	117	32666	20.369	ug/l	95
39) Methylcyclohexane	9.185	83	41287	20.891	ug/l	86
40) Benzene	8.161	78	94403	20.964	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	9421m	22.758	ug/l	
42) 1,2-Dichloroethane	8.234	62	30373	22.403	ug/l	90
43) Isopropyl Acetate	8.277	43	35816	22.813	ug/l #	86
44) Trichloroethene	8.941	130	26582	21.426	ug/l	98
45) 1,2-Dichloropropane	9.215	63	23775	21.986	ug/l	99
46) Dibromomethane	9.307	93	16525	21.812	ug/l	94
47) Bromodichloromethane	9.496	83	34775	21.623	ug/l	98
48) Methyl methacrylate	9.295	41	15401	23.072	ug/l #	77
49) 1,4-Dioxane	9.295	88	4042	423.091	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	97362	117.888	ug/l #	87
52) Toluene	10.246	92	62112	20.857	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	37872	21.959	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	41688	21.812	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	22627	21.882	ug/l	95
56) Ethyl methacrylate	10.514	69	28959	21.690	ug/l #	80
57) 1,3-Dichloropropane	10.794	76	38007	22.516	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	80662	110.235	ug/l	90
59) 2-Hexanone	10.831	43	66955	117.809	ug/l	84
60) Dibromochloromethane	10.983	129	26031	21.911	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22974	22.464	ug/l	99
64) Tetrachloroethene	10.721	164	22577	20.889	ug/l	99
65) Chlorobenzene	11.520	112	68706	20.849	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	24963	20.517	ug/l	98
67) Ethyl Benzene	11.593	91	116363	20.346	ug/l	97
68) m/p-Xylenes	11.703	106	91860	40.098	ug/l	92
69) o-Xylene	12.032	106	44351	20.109	ug/l	93
70) Styrene	12.044	104	74071	19.929	ug/l	94
71) Bromoform	12.209	173	16162	21.197	ug/l #	98
73) Isopropylbenzene	12.331	105	113485	20.862	ug/l	99
74) N-amyl acetate	12.148	43	30429	22.639	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.581	83	27641	22.741	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	17260m	18.588	ug/l	
77) Bromobenzene	12.611	156	28292	21.325	ug/l	95
78) n-propylbenzene	12.672	91	137483	21.070	ug/l	99
79) 2-Chlorotoluene	12.757	91	76605	20.859	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	94827	21.001	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	9197	22.978	ug/l	86
82) 4-Chlorotoluene	12.855	91	78616	20.658	ug/l	95
83) tert-Butylbenzene	13.074	119	82218	20.975	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	94243	21.036	ug/l	99
85) sec-Butylbenzene	13.251	105	123180	20.823	ug/l	100
86) p-Isopropyltoluene	13.373	119	102851	20.761	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	54992	20.704	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	54838	20.842	ug/l	99
89) n-Butylbenzene	13.696	91	95625	21.267	ug/l	98
90) Hexachloroethane	13.965	117	18619	20.904	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	49954	21.151	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4068	22.271	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	28428	21.624	ug/l	97
94) Hexachlorobutadiene	15.111	225	14071	21.937	ug/l	98
95) Naphthalene	15.239	128	67184	22.543	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	25985	22.583	ug/l	99

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

