

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042822\
 Data File : VY008539.D
 Acq On : 28 Apr 2022 11:52
 Operator : KP/MD
 Sample : VY0427SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0428SBS01

Quant Time: Apr 29 01:59:11 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 :Semsettin Yesilyurt 04/29/2022
 Supervised By :Mahesh Dadoda 04/29/2022

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	111106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	188406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	176942	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	86604	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	65843	50.366	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.740%			
35) Dibromofluoromethane	7.722	113	64831	53.318	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.640%			
50) Toluene-d8	10.179	98	237872	49.129	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.260%			
62) 4-Bromofluorobenzene	12.483	95	82261	50.241	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19657	19.482	ug/l	99
3) Chloromethane	2.113	50	32083	20.208	ug/l	99
4) Vinyl Chloride	2.253	62	42229	20.470	ug/l	99
5) Bromomethane	2.644	94	40392	21.057	ug/l	98
6) Chloroethane	2.790	64	29054	21.169	ug/l	94
7) Trichlorofluoromethane	3.125	101	47263	22.116	ug/l	85
8) Diethyl Ether	3.528	74	14650	19.918	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.906	101	27757	21.818	ug/l	93
10) Methyl Iodide	4.095	142	24717	15.939	ug/l	92
11) Tert butyl alcohol	4.954	59	16921	114.574	ug/l	100
12) 1,1-Dichloroethene	3.869	96	25331	21.091	ug/l #	78
13) Acrolein	3.729	56	12243	87.963	ug/l	98
14) Allyl chloride	4.485	41	32811	20.930	ug/l #	89
15) Acrylonitrile	5.161	53	35702	94.933	ug/l	97
16) Acetone	3.948	43	27288	89.617	ug/l	94
17) Carbon Disulfide	4.192	76	71370	19.655	ug/l	98
18) Methyl Acetate	4.479	43	16761	19.628	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	75987	19.995	ug/l	92
20) Methylene Chloride	4.716	84	34252	17.635	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	29890	20.402	ug/l #	80
22) Diisopropyl ether	6.125	45	74309	19.629	ug/l #	91
23) Vinyl Acetate	6.058	43	251349	96.841	ug/l #	88
24) 1,1-Dichloroethane	6.021	63	48981	20.785	ug/l	95
25) 2-Butanone	6.984	43	43540	92.427	ug/l #	82
26) 2,2-Dichloropropane	6.984	77	48028	22.005	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	33975	20.274	ug/l	84
28) Bromochloromethane	7.332	49	16880	17.758	ug/l #	70
29) Tetrahydrofuran	7.344	42	28492	93.906	ug/l #	76
30) Chloroform	7.509	83	53769	20.769	ug/l	96
31) Cyclohexane	7.783	56	44040	20.492	ug/l #	83
32) 1,1,1-Trichloroethane	7.704	97	49475	21.825	ug/l	95
36) 1,1-Dichloropropene	7.917	75	40714	21.050	ug/l	97
37) Ethyl Acetate	7.070	43	21428	20.032	ug/l #	92
38) Carbon Tetrachloride	7.899	117	43205	21.500	ug/l	96
39) Methylcyclohexane	9.185	83	52491	21.196	ug/l	86
40) Benzene	8.161	78	116983	20.731	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	11791m	22.730	ug/l	
42) 1,2-Dichloroethane	8.234	62	34192	20.126	ug/l	90
43) Isopropyl Acetate	8.277	43	38972	19.810	ug/l #	86
44) Trichloroethene	8.941	130	33176	21.341	ug/l	99
45) 1,2-Dichloropropane	9.216	63	28219	20.825	ug/l	99
46) Dibromomethane	9.307	93	18481	19.467	ug/l	95
47) Bromodichloromethane	9.496	83	41829	20.756	ug/l	99
48) Methyl methacrylate	9.295	41	16428	19.640	ug/l #	76
49) 1,4-Dioxane	9.301	88	4582	382.750	ug/l #	81
51) 4-Methyl-2-Pentanone	10.069	43	102788	99.322	ug/l #	85
52) Toluene	10.246	92	78579	21.057	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	43366	20.066	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	49083	20.495	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	25614	19.768	ug/l	99
56) Ethyl methacrylate	10.508	69	33114	19.793	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	42858	20.262	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	82111	89.552	ug/l	90
59) 2-Hexanone	10.831	43	71114	99.856	ug/l	84
60) Dibromochloromethane	10.983	129	31101	20.892	ug/l	98
61) 1,2-Dibromoethane	11.087	107	25673	20.033	ug/l	100
64) Tetrachloroethene	10.721	164	29492	22.476	ug/l	99
65) Chlorobenzene	11.514	112	84117	21.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	30423	20.596	ug/l	96
67) Ethyl Benzene	11.593	91	148890	21.443	ug/l	98
68) m/p-Xylenes	11.703	106	116260	41.801	ug/l	93
69) o-Xylene	12.032	106	55983	20.908	ug/l	92
70) Styrene	12.044	104	92573	20.515	ug/l	95
71) Bromoform	12.209	173	18014	19.460	ug/l #	97
73) Isopropylbenzene	12.331	105	148546	22.623	ug/l	98
74) N-amyl acetate	12.142	43	34415	21.212	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.581	83	30712	20.933	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	23138m	20.644	ug/l	
77) Bromobenzene	12.611	156	34243	21.383	ug/l	94
78) n-propylbenzene	12.672	91	177369	22.520	ug/l	98
79) 2-Chlorotoluene	12.758	91	97363	21.964	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	120769	22.158	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	10078	20.860	ug/l #	85
82) 4-Chlorotoluene	12.855	91	99269	21.610	ug/l	95
83) tert-Butylbenzene	13.075	119	106030	22.410	ug/l	95
84) 1,2,4-Trimethylbenzene	13.123	105	118464	21.906	ug/l	96
85) sec-Butylbenzene	13.251	105	163147	22.848	ug/l	100
86) p-Isopropyltoluene	13.373	119	132267	22.118	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	67483	21.048	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	67616	21.290	ug/l	97
89) n-Butylbenzene	13.696	91	125609	23.143	ug/l	100
90) Hexachloroethane	13.965	117	24772	23.042	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	59916	21.018	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4650	21.090	ug/l	84
93) 1,2,4-Trichlorobenzene	15.007	180	33903	21.365	ug/l	98
94) Hexachlorobutadiene	15.111	225	17893	23.110	ug/l	99
95) Naphthalene	15.239	128	71653	19.918	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	29345	21.128	ug/l	99

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

