

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007444.D
 Acq On : 09 Feb 2022 11:16
 Operator : SY/MD
 Sample : VY0209SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/10/2022
 Supervised By :Semsettin Yesilyurt 02/10/2022

Quant Time: Feb 10 05:32:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	120020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	178528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	71190	51.567	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.140%			
35) Dibromofluoromethane	7.722	113	67039	51.780	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.560%			
50) Toluene-d8	10.179	98	246003	51.430	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.860%			
62) 4-Bromofluorobenzene	12.483	95	83642	51.447	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29471	20.973	ug/l	99
3) Chloromethane	2.113	50	30774	17.815	ug/l	94
4) Vinyl Chloride	2.259	62	32824	19.809	ug/l	99
5) Bromomethane	2.650	94	21968	21.887	ug/l	100
6) Chloroethane	2.796	64	20605	20.248	ug/l	97
7) Trichlorofluoromethane	3.131	101	54192	20.182	ug/l	97
8) Diethyl Ether	3.534	74	15600	19.572	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	30196	19.967	ug/l	94
10) Methyl Iodide	4.094	142	31759	19.481	ug/l	97
11) Tert butyl alcohol	4.960	59	12763	40.015	ug/l #	92
12) 1,1-Dichloroethene	3.881	96	27678	19.813	ug/l	86
13) Acrolein	3.735	56	15938	85.940	ug/l	97
14) Allyl chloride	4.485	41	39922	18.606	ug/l #	94
15) Acrylonitrile	5.167	53	38739	103.449	ug/l	99
16) Acetone	3.954	43	39098	87.203	ug/l #	87
17) Carbon Disulfide	4.198	76	83236	18.980	ug/l	98
18) Methyl Acetate	4.485	43	17703	21.081	ug/l #	91
19) Methyl tert-butyl Ether	5.222	73	79339	20.159	ug/l	97
20) Methylene Chloride	4.716	84	29731	19.039	ug/l #	78
21) trans-1,2-Dichloroethene	5.228	96	30706	19.869	ug/l	88
22) Diisopropyl ether	6.125	45	86374	19.213	ug/l #	95
23) Vinyl Acetate	6.064	43	285723	97.450	ug/l #	91
24) 1,1-Dichloroethane	6.021	63	52643	19.388	ug/l	99
25) 2-Butanone	6.990	43	52844	97.551	ug/l	91
26) 2,2-Dichloropropane	6.984	77	49733	19.142	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	33779	19.789	ug/l	88
28) Bromochloromethane	7.338	49	19246	18.128	ug/l #	84
29) Tetrahydrofuran	7.350	42	32098	102.541	ug/l #	86
30) Chloroform	7.515	83	55291	19.575	ug/l	97
31) Cyclohexane	7.789	56	51110	18.973	ug/l #	86
32) 1,1,1-Trichloroethane	7.704	97	51385	19.574	ug/l	95
36) 1,1-Dichloropropene	7.923	75	43878	19.386	ug/l	100
37) Ethyl Acetate	7.076	43	22940	20.386	ug/l #	96
38) Carbon Tetrachloride	7.905	117	46785	19.674	ug/l	97
39) Methylcyclohexane	9.185	83	54674	19.234	ug/l	88
40) Benzene	8.161	78	116479	19.414	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10335	18.482	ug/l #	1
42) 1,2-Dichloroethane	8.240	62	36512	20.020	ug/l	94
43) Isopropyl Acetate	8.277	43	41523	19.731	ug/l #	90
44) Trichloroethene	8.941	130	32933	20.302	ug/l	91
45) 1,2-Dichloropropane	9.222	63	28591	19.326	ug/l	97
46) Dibromomethane	9.313	93	17773	20.193	ug/l	90
47) Bromodichloromethane	9.502	83	42233	19.843	ug/l	93
48) Methyl methacrylate	9.295	41	18330	19.260	ug/l #	84
49) 1,4-Dioxane	9.301	88	4262	442.061	ug/l	86
51) 4-Methyl-2-Pentanone	10.069	43	110564	103.593	ug/l	91
52) Toluene	10.246	92	74531	19.717	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	43121	19.393	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	48816	19.601	ug/l #	86
55) 1,1,2-Trichloroethane	10.648	97	23646	20.456	ug/l	95
56) Ethyl methacrylate	10.508	69	32570	20.286	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	41167	20.086	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.782	63	84347	100.991	ug/l	96
59) 2-Hexanone	10.831	43	78616	101.036	ug/l	88
60) Dibromochloromethane	10.983	129	29511	20.506	ug/l	99
61) 1,2-Dibromoethane	11.087	107	23130	20.225	ug/l	99
64) Tetrachloroethene	10.721	164	28372	20.250	ug/l	93
65) Chlorobenzene	11.514	112	77053	19.402	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	29283	19.752	ug/l	98
67) Ethyl Benzene	11.593	91	147536	19.577	ug/l	97
68) m/p-Xylenes	11.703	106	108162	38.750	ug/l	98
69) o-Xylene	12.032	106	52518	19.900	ug/l	95
70) Styrene	12.044	104	85183	19.581	ug/l	98
71) Bromoform	12.209	173	17316	21.169	ug/l #	95
73) Isopropylbenzene	12.331	105	143499	19.774	ug/l	97
74) N-amyl acetate	12.142	43	36571	20.360	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	27257	20.568	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	21153m	22.409	ug/l	
77) Bromobenzene	12.611	156	31062	20.320	ug/l	99
78) n-propylbenzene	12.672	91	173601	19.750	ug/l	98
79) 2-Chlorotoluene	12.758	91	95063	19.534	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	119150	20.127	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	9696	20.578	ug/l	88
82) 4-Chlorotoluene	12.855	91	98899	19.786	ug/l	98
83) tert-Butylbenzene	13.075	119	101012	19.600	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	114282	19.606	ug/l	99
85) sec-Butylbenzene	13.251	105	153102	19.806	ug/l	100
86) p-Isopropyltoluene	13.367	119	126670	20.116	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	60869	20.538	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	60486	20.474	ug/l	98
89) n-Butylbenzene	13.696	91	121320	20.017	ug/l	99
90) Hexachloroethane	13.959	117	23519	19.763	ug/l	79
91) 1,2-Dichlorobenzene	13.739	146	52598	20.162	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4348	20.189	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	30888	19.994	ug/l	98
94) Hexachlorobutadiene	15.111	225	17613	20.595	ug/l	99
95) Naphthalene	15.233	128	67394	20.992	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	26732	20.499	ug/l	97

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

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