

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017178.D
 Acq On : 02 Feb 2024 11:37
 Operator : SY/MD
 Sample : VY0202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/05/2024
 Supervised By :Mahesh Dadoda 02/05/2024

Quant Time: Feb 02 22:28:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	135293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	195228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	84978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62679	51.860	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.720%			
35) Dibromofluoromethane	7.722	113	63717	51.804	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.600%			
50) Toluene-d8	10.185	98	238339	53.222	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.440%			
62) 4-Bromofluorobenzene	12.489	95	75178	51.247	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.500%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	22794	22.224	ug/l	99
3) Chloromethane	2.113	50	40591	22.031	ug/l	100
4) Vinyl Chloride	2.253	62	49560	22.073	ug/l	100
5) Bromomethane	2.650	94	34518	22.178	ug/l	95
6) Chloroethane	2.790	64	31821	21.950	ug/l	98
7) Trichlorofluoromethane	3.125	101	50347	21.807	ug/l	98
8) Diethyl Ether	3.534	74	14825	20.414	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	29662	21.194	ug/l	98
10) Methyl Iodide	4.094	142	29276	19.897	ug/l	99
11) Tert butyl alcohol	4.954	59	10640	94.324	ug/l	98
12) 1,1-Dichloroethene	3.875	96	27641	21.077	ug/l	91
13) Acrolein	3.729	56	11461	107.780	ug/l	98
14) Allyl chloride	4.485	41	41956	21.162	ug/l	98
15) Acrylonitrile	5.167	53	32521	99.458	ug/l	98
16) Acetone	3.948	43	37058	104.321	ug/l	94
17) Carbon Disulfide	4.198	76	86295	20.614	ug/l	97
18) Methyl Acetate	4.478	43	13591	17.150	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	62904	19.916	ug/l	98
20) Methylene Chloride	4.716	84	33623	21.084	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	31148	20.878	ug/l	96
22) Diisopropyl ether	6.125	45	91608	21.041	ug/l	98
23) Vinyl Acetate	6.064	43	274448	104.035	ug/l	100
24) 1,1-Dichloroethane	6.021	63	54583	20.465	ug/l	98
25) 2-Butanone	6.990	43	48772	103.279	ug/l	95
26) 2,2-Dichloropropane	6.984	77	46086	20.774	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	34215	20.505	ug/l	98
28) Bromochloromethane	7.338	49	19621	19.213	ug/l	99
29) Tetrahydrofuran	7.350	42	26395	98.945	ug/l	99
30) Chloroform	7.508	83	56015	20.878	ug/l	99
31) Cyclohexane	7.789	56	49674	20.391	ug/l #	90
32) 1,1,1-Trichloroethane	7.710	97	48213	20.891	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43764	20.628	ug/l	99
37) Ethyl Acetate	7.076	43	19644	19.963	ug/l	98
38) Carbon Tetrachloride	7.905	117	42369	20.858	ug/l	99
39) Methylcyclohexane	9.185	83	51046	20.595	ug/l	97
40) Benzene	8.161	78	126778	20.925	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	10446	22.406	ug/l	95
42) 1,2-Dichloroethane	8.240	62	32916	20.519	ug/l	99
43) Isopropyl Acetate	8.277	43	34619	19.874	ug/l	99
44) Trichloroethene	8.941	130	31820	20.690	ug/l	99
45) 1,2-Dichloropropane	9.215	63	30700	20.629	ug/l	100
46) Dibromomethane	9.307	93	16859	20.972	ug/l	97
47) Bromodichloromethane	9.502	83	41619	20.687	ug/l	99
48) Methyl methacrylate	9.301	41	14875	18.206	ug/l	91
49) 1,4-Dioxane	9.301	88	3708	423.782	ug/l	96
51) 4-Methyl-2-Pentanone	10.075	43	93267	99.884	ug/l	99
52) Toluene	10.246	92	75925	20.761	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	38223	20.227	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	47039	20.782	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	22430	20.508	ug/l	98
56) Ethyl methacrylate	10.514	69	26126	19.692	ug/l	95
57) 1,3-Dichloropropane	10.794	76	38081	20.243	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	67047	98.400	ug/l	99
59) 2-Hexanone	10.837	43	69928	103.566	ug/l	99
60) Dibromochloromethane	10.990	129	25711	20.038	ug/l	99
61) 1,2-Dibromoethane	11.093	107	20357	20.013	ug/l	100
64) Tetrachloroethene	10.727	164	25860	20.396	ug/l	97
65) Chlorobenzene	11.520	112	78446	20.830	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.599	131	27873	20.365	ug/l	98
67) Ethyl Benzene	11.599	91	140774	20.682	ug/l	98
68) m/p-Xylenes	11.709	106	108192	41.886	ug/l	100
69) o-Xylene	12.038	106	50294	21.144	ug/l	98
70) Styrene	12.050	104	82807	21.128	ug/l	99
71) Bromoform	12.215	173	14369	20.047	ug/l #	100
73) Isopropylbenzene	12.337	105	132526	21.229	ug/l	100
74) N-amyl acetate	12.148	43	29036	20.700	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	25219	20.539	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	15271m	19.470	ug/l	
77) Bromobenzene	12.617	156	28582	20.641	ug/l	98
78) n-propylbenzene	12.678	91	165349	21.566	ug/l	100
79) 2-Chlorotoluene	12.764	91	89658	21.270	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	106975	21.546	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7645	20.253	ug/l	98
82) 4-Chlorotoluene	12.861	91	90987	20.973	ug/l	98
83) tert-Butylbenzene	13.081	119	90735	21.320	ug/l	97
84) 1,2,4-Trimethylbenzene	13.129	105	103806	21.182	ug/l	98
85) sec-Butylbenzene	13.263	105	143202	21.529	ug/l	99
86) p-Isopropyltoluene	13.379	119	111786	21.030	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	57270	20.732	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	56917	21.208	ug/l	98
89) n-Butylbenzene	13.702	91	108596	21.488	ug/l	99
90) Hexachloroethane	13.971	117	22954	21.035	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	49266	20.949	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3033	18.964	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	24474	20.952	ug/l	97
94) Hexachlorobutadiene	15.117	225	14426	20.969	ug/l	99
95) Naphthalene	15.245	128	42044	20.579	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	20633	20.769	ug/l	98

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

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