

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020724\
 Data File : VY017286.D
 Acq On : 07 Feb 2024 14:03
 Operator : SY/MD
 Sample : VY0207SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0207SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
 Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 01:42:00 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	104663	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	184508	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	159898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	46739	49.989	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.980%		
35) Dibromofluoromethane	7.722	113	45745	45.918	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.840%		
50) Toluene-d8	10.185	98	173653	47.876	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.760%		
62) 4-Bromofluorobenzene	12.483	95	55845	47.000	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	16015	20.185	ug/l	92
3) Chloromethane	2.113	50	39316	27.584	ug/l	99
4) Vinyl Chloride	2.247	62	47476	27.333	ug/l	99
5) Bromomethane	2.656	94	34179	28.387	ug/l	97
6) Chloroethane	2.790	64	30900	27.552	ug/l	98
7) Trichlorofluoromethane	3.125	101	41403	23.181	ug/l	99
8) Diethyl Ether	3.534	74	11348	20.199	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	22794	21.053	ug/l	98
10) Methyl Iodide	4.095	142	16744	14.710	ug/l	99
11) Tert butyl alcohol	4.991	59	6786m	74.663	ug/l	
12) 1,1-Dichloroethene	3.875	96	19868	19.584	ug/l	97
13) Acrolein	3.735	56	7523	89.590	ug/l	99
14) Allyl chloride	4.479	41	30772	20.064	ug/l	94
15) Acrylonitrile	5.180	53	22454	88.767	ug/l	99
16) Acetone	3.966	43	24046	87.501	ug/l	99
17) Carbon Disulfide	4.198	76	55292	17.073	ug/l	98
18) Methyl Acetate	4.479	43	9610	15.676	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	48255	19.750	ug/l	98
20) Methylene Chloride	4.716	84	26031	21.103	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	22468	19.468	ug/l	98
22) Diisopropyl ether	6.125	45	70857	21.038	ug/l	97
23) Vinyl Acetate	6.064	43	203043	99.492	ug/l	99
24) 1,1-Dichloroethane	6.021	63	42259	20.482	ug/l	99
25) 2-Butanone	6.996	43	32932	90.145	ug/l	97
26) 2,2-Dichloropropane	6.984	77	35199	20.510	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	24964	19.340	ug/l	96
28) Bromochloromethane	7.338	49	14836	18.779	ug/l	94
29) Tetrahydrofuran	7.362	42	17542	85.003	ug/l	98
30) Chloroform	7.509	83	42281	20.371	ug/l	99
31) Cyclohexane	7.789	56	36370	19.299	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	37714	21.124	ug/l	98
36) 1,1-Dichloropropene	7.923	75	32345	18.822	ug/l	99
37) Ethyl Acetate	7.076	43	14623	18.347	ug/l	97
38) Carbon Tetrachloride	7.905	117	32019	19.461	ug/l	99
39) Methylcyclohexane	9.185	83	37243	18.551	ug/l	99
40) Benzene	8.167	78	93999	19.155	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8283	21.934	ug/l	94
42) 1,2-Dichloroethane	8.240	62	25505	19.630	ug/l	99
43) Isopropyl Acetate	8.277	43	26564	18.828	ug/l #	85
44) Trichloroethene	8.941	130	23588	18.936	ug/l	92
45) 1,2-Dichloropropane	9.216	63	23557	19.543	ug/l	96
46) Dibromomethane	9.307	93	12117	18.610	ug/l	98
47) Bromodichloromethane	9.502	83	31478	19.318	ug/l	95
48) Methyl methacrylate	9.295	41	11659	17.618	ug/l	97
49) 1,4-Dioxane	9.325	88	2431	343.021	ug/l #	78
51) 4-Methyl-2-Pentanone	10.075	43	68576	90.672	ug/l	99
52) Toluene	10.246	92	57456	19.397	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	29283	19.132	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	35049	19.118	ug/l	92
55) 1,1,2-Trichloroethane	10.648	97	17305	19.534	ug/l	99
56) Ethyl methacrylate	10.514	69	20046	18.812	ug/l	95
57) 1,3-Dichloropropane	10.795	76	29230	19.184	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	46964	85.097	ug/l	98
59) 2-Hexanone	10.837	43	52114	95.292	ug/l	97
60) Dibromochloromethane	10.990	129	19264	18.536	ug/l	99
61) 1,2-Dibromoethane	11.093	107	15201	18.450	ug/l	100
64) Tetrachloroethene	10.727	164	19044	18.339	ug/l	94
65) Chlorobenzene	11.520	112	59349	19.241	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.593	131	21422	19.110	ug/l	100
67) Ethyl Benzene	11.599	91	108959	19.545	ug/l	99
68) m/p-Xylenes	11.703	106	81738	38.636	ug/l	96
69) o-Xylene	12.032	106	37964	19.487	ug/l	97
70) Styrene	12.050	104	64156	19.986	ug/l	99
71) Bromoform	12.215	173	10475	17.843	ug/l #	100
73) Isopropylbenzene	12.337	105	103605	19.683	ug/l	99
74) N-amyl acetate	12.148	43	23660	20.005	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	18488	17.858	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	12524m	18.938	ug/l	
77) Bromobenzene	12.611	156	21511	18.424	ug/l	97
78) n-propylbenzene	12.678	91	129790	20.077	ug/l	100
79) 2-Chlorotoluene	12.764	91	70522	19.843	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	83714	19.998	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	5657	17.775	ug/l	93
82) 4-Chlorotoluene	12.861	91	72208	19.741	ug/l	98
83) tert-Butylbenzene	13.081	119	74475	20.755	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	81024	19.609	ug/l	96
85) sec-Butylbenzene	13.258	105	113312	20.204	ug/l	100
86) p-Isopropyltoluene	13.373	119	90544	20.203	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	43840	18.822	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	43308	19.139	ug/l	97
89) n-Butylbenzene	13.703	91	89060	20.901	ug/l	100
90) Hexachloroethane	13.965	117	18507	20.115	ug/l	92
91) 1,2-Dichlorobenzene	13.745	146	37843	19.086	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2548	18.895	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	20294	20.606	ug/l	100
94) Hexachlorobutadiene	15.117	225	11482	19.795	ug/l	99
95) Naphthalene	15.239	128	38757	22.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	16766	20.016	ug/l	96

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

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