

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017479.D
 Acq On : 26 Feb 2024 13:56
 Operator : SY/MD
 Sample : VY0226SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/27/2024
 Supervised By :Semsettin Yesilyurt 02/27/2024

Quant Time: Feb 27 01:52:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	144473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	195861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62748	45.828	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	91.660%		
35) Dibromofluoromethane	7.722	113	72224	45.624	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.240%		
50) Toluene-d8	10.185	98	275749	49.821	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.640%		
62) 4-Bromofluorobenzene	12.483	95	80948	46.536	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	21765	20.423	ug/l	99
3) Chloromethane	2.119	50	37033	19.019	ug/l	99
4) Vinyl Chloride	2.253	62	49102	19.656	ug/l	96
5) Bromomethane	2.650	94	39542	19.424	ug/l	96
6) Chloroethane	2.796	64	30520	19.367	ug/l	100
7) Trichlorofluoromethane	3.125	101	48942	19.223	ug/l	98
8) Diethyl Ether	3.534	74	14129	18.921	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	29810	20.356	ug/l	99
10) Methyl Iodide	4.094	142	29459	17.925	ug/l	100
11) Tert butyl alcohol	4.960	59	9726	83.624	ug/l #	87
12) 1,1-Dichloroethene	3.875	96	26782	19.624	ug/l	94
13) Acrolein	3.735	56	18528	120.733	ug/l	98
14) Allyl chloride	4.485	41	32320	19.599	ug/l	97
15) Acrylonitrile	5.173	53	28785	93.771	ug/l	99
16) Acetone	3.948	43	26249	98.839	ug/l	95
17) Carbon Disulfide	4.198	76	75904	18.529	ug/l	96
18) Methyl Acetate	4.478	43	10876	16.880	ug/l	98
19) Methyl tert-butyl Ether	5.228	73	59557	18.723	ug/l	98
20) Methylene Chloride	4.722	84	47474	28.018	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	30837	19.298	ug/l	96
22) Diisopropyl ether	6.125	45	76632	20.138	ug/l	96
23) Vinyl Acetate	6.064	43	218641	96.421	ug/l	99
24) 1,1-Dichloroethane	6.027	63	51630	19.860	ug/l	98
25) 2-Butanone	6.990	43	36307	95.930	ug/l	98
26) 2,2-Dichloropropane	6.984	77	43700	19.993	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	34703	19.342	ug/l	99
28) Bromochloromethane	7.338	49	22095	21.580	ug/l	98
29) Tetrahydrofuran	7.356	42	21163	92.760	ug/l	99
30) Chloroform	7.508	83	55118	19.913	ug/l	94
31) Cyclohexane	7.789	56	43491	19.518	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	46767	19.462	ug/l	99
36) 1,1-Dichloropropene	7.923	75	41164	19.273	ug/l	100
37) Ethyl Acetate	7.076	43	15604	18.497	ug/l	98
38) Carbon Tetrachloride	7.905	117	42155	19.693	ug/l	98
39) Methylcyclohexane	9.185	83	49025	19.099	ug/l	97
40) Benzene	8.167	78	123837	19.524	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	7365	17.398	ug/l	92
42) 1,2-Dichloroethane	8.240	62	29598	19.125	ug/l	97
43) Isopropyl Acetate	8.277	43	27076	18.265	ug/l	96
44) Trichloroethene	8.941	130	34391	18.811	ug/l	100
45) 1,2-Dichloropropane	9.222	63	29057	19.255	ug/l	98
46) Dibromomethane	9.307	93	16417	19.009	ug/l	98
47) Bromodichloromethane	9.502	83	40900	19.504	ug/l	98
48) Methyl methacrylate	9.295	41	12751	18.583	ug/l	97
49) 1,4-Dioxane	9.301	88	3337	341.416	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	75055	90.846	ug/l	100
52) Toluene	10.246	92	77556	19.396	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	36857	18.936	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	44902	18.986	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	22970	18.732	ug/l	94
56) Ethyl methacrylate	10.514	69	24871	18.187	ug/l	98
57) 1,3-Dichloropropane	10.794	76	37654	18.887	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	75292	106.407	ug/l	100
59) 2-Hexanone	10.837	43	53520	94.311	ug/l	98
60) Dibromochloromethane	10.989	129	27770	19.144	ug/l	98
61) 1,2-Dibromoethane	11.093	107	20688	18.308	ug/l	100
64) Tetrachloroethene	10.721	164	34798	18.510	ug/l	99
65) Chlorobenzene	11.520	112	82127	19.755	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	29466	18.919	ug/l	99
67) Ethyl Benzene	11.599	91	140846	19.318	ug/l	97
68) m/p-Xylenes	11.709	106	110297	38.500	ug/l	99
69) o-Xylene	12.032	106	50749	19.094	ug/l	98
70) Styrene	12.050	104	82529	18.707	ug/l	99
71) Bromoform	12.215	173	16226	18.800	ug/l #	93
73) Isopropylbenzene	12.331	105	133856	19.983	ug/l	100
74) N-amyl acetate	12.148	43	22060	18.672	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	23124	20.103	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	15491m	18.082	ug/l	
77) Bromobenzene	12.611	156	31061	19.147	ug/l	99
78) n-propylbenzene	12.672	91	165703	20.616	ug/l	100
79) 2-Chlorotoluene	12.757	91	89471	19.882	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	106684	19.879	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	6793	18.220	ug/l	97
82) 4-Chlorotoluene	12.861	91	92841	20.171	ug/l	99
83) tert-Butylbenzene	13.081	119	96355	20.446	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	105541	19.920	ug/l	98
85) sec-Butylbenzene	13.257	105	146204	20.292	ug/l	100
86) p-Isopropyltoluene	13.373	119	117163	19.865	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	61989	19.038	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	62021	19.592	ug/l	99
89) n-Butylbenzene	13.702	91	108403	20.145	ug/l	98
90) Hexachloroethane	13.965	117	23653	20.003	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	53376	19.380	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2713	16.777	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	26655	18.322	ug/l	99
94) Hexachlorobutadiene	15.117	225	17729	19.739	ug/l	99
95) Naphthalene	15.239	128	41280	17.412	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	22406	17.953	ug/l	99

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

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