

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022624\
 Data File : VY017478.D
 Acq On : 26 Feb 2024 13:33
 Operator : SY/MD
 Sample : VY0226SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0226SBS01

Quant Time: Feb 27 01:51:15 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	149636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	239318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	206512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	92450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	57480	40.532	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	81.060%		
35) Dibromofluoromethane	7.722	113	67221	40.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	80.620%		
50) Toluene-d8	10.185	98	254174	43.592	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.180%		
62) 4-Bromofluorobenzene	12.489	95	74704	40.768	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	81.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	20498	18.570	ug/l	95
3) Chloromethane	2.119	50	36159	17.929	ug/l	99
4) Vinyl Chloride	2.253	62	47115	18.210	ug/l	96
5) Bromomethane	2.649	94	39308	18.643	ug/l	100
6) Chloroethane	2.802	64	30283	18.553	ug/l	100
7) Trichlorofluoromethane	3.131	101	47069	17.850	ug/l	97
8) Diethyl Ether	3.533	74	13835	17.888	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	27918	18.406	ug/l	100
10) Methyl Iodide	4.094	142	26289	15.444	ug/l	99
11) Tert butyl alcohol	4.954	59	7876	65.381	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	25778	18.236	ug/l	97
13) Acrolein	3.735	56	16855	106.042	ug/l	100
14) Allyl chloride	4.491	41	31174	18.252	ug/l	97
15) Acrylonitrile	5.173	53	26729	84.069	ug/l	99
16) Acetone	3.948	43	23026	83.712	ug/l	97
17) Carbon Disulfide	4.204	76	74228	17.495	ug/l #	95
18) Methyl Acetate	4.484	43	10211	15.301	ug/l	100
19) Methyl tert-butyl Ether	5.228	73	56401	17.119	ug/l	97
20) Methylene Chloride	4.722	84	38271	20.444	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	30162	18.224	ug/l	98
22) Diisopropyl ether	6.124	45	74860	18.994	ug/l	97
23) Vinyl Acetate	6.070	43	203229	86.532	ug/l	100
24) 1,1-Dichloroethane	6.021	63	50440	18.732	ug/l	98
25) 2-Butanone	6.990	43	32161	82.043	ug/l	93
26) 2,2-Dichloropropane	6.984	77	42397	18.727	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	34645	18.644	ug/l	96
28) Bromochloromethane	7.344	49	19628	18.509	ug/l	96
29) Tetrahydrofuran	7.350	42	18787	79.505	ug/l	98
30) Chloroform	7.514	83	54025	18.845	ug/l	97
31) Cyclohexane	7.789	56	40867	17.707	ug/l	99
32) 1,1,1-Trichloroethane	7.709	97	45989	18.478	ug/l	98
36) 1,1-Dichloropropene	7.923	75	39906	17.736	ug/l	99
37) Ethyl Acetate	7.075	43	14564	16.388	ug/l #	76
38) Carbon Tetrachloride	7.905	117	40611	18.009	ug/l	98
39) Methylcyclohexane	9.185	83	45715	16.906	ug/l	97
40) Benzene	8.167	78	121441	18.175	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	7862m	17.630	ug/l	
42) 1,2-Dichloroethane	8.240	62	28758	17.640	ug/l	100
43) Isopropyl Acetate	8.276	43	25150	16.105	ug/l	97
44) Trichloroethene	8.947	130	32749	17.004	ug/l	97
45) 1,2-Dichloropropane	9.221	63	28589	17.984	ug/l	97
46) Dibromomethane	9.307	93	15737	17.297	ug/l	98
47) Bromodichloromethane	9.502	83	39888	18.056	ug/l	99
48) Methyl methacrylate	9.301	41	11289	15.618	ug/l	95
49) 1,4-Dioxane	9.301	88	2962	287.672	ug/l #	90
51) 4-Methyl-2-Pentanone	10.075	43	66985	76.964	ug/l	99
52) Toluene	10.252	92	74816	17.761	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	34529	16.840	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	44009	17.664	ug/l	99
55) 1,1,2-Trichloroethane	10.648	97	21698	16.797	ug/l	98
56) Ethyl methacrylate	10.514	69	22674	16.081	ug/l	99
57) 1,3-Dichloropropane	10.794	76	35901	17.094	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	65424	87.769	ug/l	99
59) 2-Hexanone	10.837	43	46375	77.574	ug/l	99
60) Dibromochloromethane	10.989	129	26017	17.025	ug/l	99
61) 1,2-Dibromoethane	11.093	107	20069	16.859	ug/l	99
64) Tetrachloroethene	10.727	164	32542	16.418	ug/l	97
65) Chlorobenzene	11.520	112	79518	18.141	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	28409	17.300	ug/l	99
67) Ethyl Benzene	11.599	91	136300	17.730	ug/l	96
68) m/p-Xylenes	11.709	106	107888	35.717	ug/l	99
69) o-Xylene	12.038	106	49145	17.537	ug/l	99
70) Styrene	12.050	104	81754	17.575	ug/l	99
71) Bromoform	12.209	173	14596	16.040	ug/l #	100
73) Isopropylbenzene	12.337	105	129539	18.860	ug/l	100
74) N-amyl acetate	12.148	43	20213	16.686	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.587	83	21837	18.514	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	16222m	18.467	ug/l	
77) Bromobenzene	12.617	156	29995	18.033	ug/l	99
78) n-propylbenzene	12.678	91	156579	18.999	ug/l	99
79) 2-Chlorotoluene	12.763	91	85704	18.574	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	102497	18.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	6055	15.839	ug/l	97
82) 4-Chlorotoluene	12.861	91	88595	18.772	ug/l	99
83) tert-Butylbenzene	13.080	119	89832	18.591	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	101773	18.734	ug/l	100
85) sec-Butylbenzene	13.257	105	136902	18.531	ug/l	100
86) p-Isopropyltoluene	13.373	119	110826	18.326	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	58710	17.585	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	58826	18.123	ug/l	98
89) n-Butylbenzene	13.702	91	99590	18.049	ug/l	99
90) Hexachloroethane	13.964	117	22913	18.898	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	50580	17.911	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2673	16.121	ug/l	95
93) 1,2,4-Trichlorobenzene	15.013	180	24929	16.712	ug/l	100
94) Hexachlorobutadiene	15.117	225	16412	17.821	ug/l	99
95) Naphthalene	15.239	128	36984	15.708	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	20860	16.301	ug/l	99

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

