

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072324\
 Data File : VY018897.D
 Acq On : 23 Jul 2024 14:41
 Operator : SY/MD
 Sample : VY0723SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0723SBS01

Quant Time: Jul 24 01:45:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/24/2024
 Supervised By :Mahesh Dadoda 07/24/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	97970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	152557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	133141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69030	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	47696	49.475	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.940%		
35) Dibromofluoromethane	7.697	113	47674	49.894	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.780%		
50) Toluene-d8	10.173	98	174825	48.294	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	96.580%		
62) 4-Bromofluorobenzene	12.477	95	63180	51.107	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	102.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	12946	15.770	ug/l	92
3) Chloromethane	2.101	50	19576	15.692	ug/l	93
4) Vinyl Chloride	2.235	62	23093	15.825	ug/l	99
5) Bromomethane	2.625	94	19290	19.217	ug/l	90
6) Chloroethane	2.771	64	16998	17.929	ug/l	92
7) Trichlorofluoromethane	3.095	101	37724	19.782	ug/l	96
8) Diethyl Ether	3.509	74	9280	19.966	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.875	101	18065	18.464	ug/l	96
10) Methyl Iodide	4.064	142	15228	14.454	ug/l	90
11) Tert butyl alcohol	4.930	59	7945	81.355	ug/l #	90
12) 1,1-Dichloroethene	3.851	96	16506	17.439	ug/l	96
13) Acrolein	3.710	56	4989	63.763	ug/l	98
14) Allyl chloride	4.454	41	20857	17.787	ug/l	92
15) Acrylonitrile	5.143	53	17892	97.581	ug/l	98
16) Acetone	3.936	43	17006	95.683	ug/l #	87
17) Carbon Disulfide	4.174	76	38291	14.448	ug/l	96
18) Methyl Acetate	4.466	43	10899	21.105	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	41923	19.093	ug/l	99
20) Methylene Chloride	4.692	84	31610	29.355	ug/l	95
21) trans-1,2-Dichloroethene	5.186	96	18096	18.114	ug/l	85
22) Diisopropyl ether	6.094	45	48784	19.126	ug/l #	85
23) Vinyl Acetate	6.045	43	184860	91.992	ug/l	99
24) 1,1-Dichloroethane	5.990	63	31407	19.285	ug/l	98
25) 2-Butanone	6.966	43	24840	99.706	ug/l	89
26) 2,2-Dichloropropane	6.966	77	26222	17.353	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	21350	18.357	ug/l	99
28) Bromochloromethane	7.313	49	14008	21.416	ug/l	97
29) Tetrahydrofuran	7.338	42	14914	97.647	ug/l	96
30) Chloroform	7.490	83	34220	18.854	ug/l	90
31) Cyclohexane	7.771	56	24940	16.839	ug/l #	95
32) 1,1,1-Trichloroethane	7.685	97	31492	18.659	ug/l	98
36) 1,1-Dichloropropene	7.905	75	22700	17.215	ug/l	97
37) Ethyl Acetate	7.063	43	11962	21.825	ug/l #	75
38) Carbon Tetrachloride	7.893	117	29640	18.663	ug/l	93
39) Methylcyclohexane	9.173	83	29599	17.516	ug/l	95
40) Benzene	8.149	78	71360	18.655	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	5637	18.039	ug/l	91
42) 1,2-Dichloroethane	8.222	62	20384	19.033	ug/l	98
43) Isopropyl Acetate	8.258	43	21154	19.396	ug/l	95
44) Trichloroethene	8.935	130	20878	19.094	ug/l	100
45) 1,2-Dichloropropane	9.209	63	16740	20.097	ug/l	100
46) Dibromomethane	9.301	93	11242	20.821	ug/l	97
47) Bromodichloromethane	9.484	83	26854	19.909	ug/l	96
48) Methyl methacrylate	9.289	41	10155	20.485	ug/l	88
49) 1,4-Dioxane	9.289	88	2461	388.837	ug/l #	100
51) 4-Methyl-2-Pentanone	10.063	43	57522	103.304	ug/l	91
52) Toluene	10.234	92	46934	18.460	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	21766	18.690	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	25704	18.814	ug/l #	90
55) 1,1,2-Trichloroethane	10.636	97	14103	20.627	ug/l	98
56) Ethyl methacrylate	10.508	69	17570	19.519	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	22641	19.976	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	46413	107.925	ug/l	91
59) 2-Hexanone	10.825	43	39493	101.381	ug/l	90
60) Dibromochloromethane	10.977	129	19285	20.529	ug/l	98
61) 1,2-Dibromoethane	11.087	107	13825	20.799	ug/l	96
64) Tetrachloroethene	10.715	164	22055	20.465	ug/l	93
65) Chlorobenzene	11.508	112	54156	19.282	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	18903	19.534	ug/l	97
67) Ethyl Benzene	11.587	91	91695	18.636	ug/l	94
68) m/p-Xylenes	11.697	106	72129	37.357	ug/l	97
69) o-Xylene	12.026	106	34912	19.233	ug/l	100
70) Styrene	12.038	104	59151	19.530	ug/l	96
71) Bromoform	12.203	173	10731	20.345	ug/l #	95
73) Isopropylbenzene	12.325	105	92362	18.282	ug/l	99
74) N-amyl acetate	12.142	43	18957	18.348	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	16314	20.484	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	10241m	18.942	ug/l	
77) Bromobenzene	12.605	156	23100	19.153	ug/l	91
78) n-propylbenzene	12.666	91	108656	18.111	ug/l	97
79) 2-Chlorotoluene	12.751	91	60373	17.897	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	74509	18.025	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	4782	19.795	ug/l	85
82) 4-Chlorotoluene	12.849	91	62631	18.030	ug/l	97
83) tert-Butylbenzene	13.068	119	70117	18.373	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	75193	18.305	ug/l	99
85) sec-Butylbenzene	13.251	105	98945	18.266	ug/l	95
86) p-Isopropyltoluene	13.367	119	83941	17.950	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	44458	18.768	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	44229	18.839	ug/l	98
89) n-Butylbenzene	13.690	91	76481	18.039	ug/l	98
90) Hexachloroethane	13.952	117	15804	18.172	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	39047	19.083	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	2401	18.605	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	24420	19.550	ug/l	98
94) Hexachlorobutadiene	15.111	225	14241	19.780	ug/l	100
95) Naphthalene	15.233	128	42629	19.894	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	20513	19.194	ug/l	98

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

