

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018827.D
 Acq On : 16 Jul 2024 12:38
 Operator : SY/MD
 Sample : VY0716SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0716SBS01

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/17/2024
 Supervised By :Mahesh Dadoda 07/17/2024

Quant Time: Jul 17 01:53:24 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

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	102131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	163021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	143911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73924	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55763	55.486	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.980%			
35) Dibromofluoromethane	7.703	113	55923	54.771	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.540%			
50) Toluene-d8	10.173	98	203223	52.536	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 105.080%			
62) 4-Bromofluorobenzene	12.477	95	72621	54.973	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	15111	17.657	ug/l	98
3) Chloromethane	2.101	50	25459	19.577	ug/l	94
4) Vinyl Chloride	2.229	62	27368	17.990	ug/l	92
5) Bromomethane	2.619	94	20785	19.863	ug/l	98
6) Chloroethane	2.771	64	17570	17.777	ug/l	100
7) Trichlorofluoromethane	3.088	101	42065	21.160	ug/l	94
8) Diethyl Ether	3.515	74	10276	21.209	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.875	101	19737	19.351	ug/l	92
10) Methyl Iodide	4.064	142	18846	17.159	ug/l	95
11) Tert butyl alcohol	4.954	59	9951	97.745	ug/l #	95
12) 1,1-Dichloroethene	3.838	96	18037	18.280	ug/l	94
13) Acrolein	3.710	56	7493	91.865	ug/l	98
14) Allyl chloride	4.454	41	23839	19.502	ug/l	91
15) Acrylonitrile	5.143	53	20578	107.657	ug/l	97
16) Acetone	3.936	43	18691	100.879	ug/l	99
17) Carbon Disulfide	4.161	76	48163	17.432	ug/l	98
18) Methyl Acetate	4.454	43	11491	21.344	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	47617	20.803	ug/l	100
20) Methylene Chloride	4.686	84	31022	27.312	ug/l	98
21) trans-1,2-Dichloroethene	5.198	96	20292	19.485	ug/l	89
22) Diisopropyl ether	6.100	45	53073	19.959	ug/l #	85
23) Vinyl Acetate	6.039	43	217565	103.856	ug/l	97
24) 1,1-Dichloroethane	5.996	63	34227	20.160	ug/l	99
25) 2-Butanone	6.978	43	27463	105.743	ug/l #	81
26) 2,2-Dichloropropane	6.960	77	28718	18.231	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	23899	19.711	ug/l	97
28) Bromochloromethane	7.319	49	14596	21.405	ug/l	97
29) Tetrahydrofuran	7.338	42	17173	107.857	ug/l	97
30) Chloroform	7.490	83	38860	20.538	ug/l	94
31) Cyclohexane	7.771	56	28517	18.470	ug/l	93
32) 1,1,1-Trichloroethane	7.685	97	35114	19.957	ug/l	99
36) 1,1-Dichloropropene	7.905	75	26043	18.483	ug/l	99
37) Ethyl Acetate	7.057	43	11348	19.375	ug/l #	94
38) Carbon Tetrachloride	7.880	117	32303	19.034	ug/l	96
39) Methylcyclohexane	9.173	83	33158	18.363	ug/l	99
40) Benzene	8.149	78	78096	19.106	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	7041m	21.086	ug/l	
42) 1,2-Dichloroethane	8.228	62	23839	20.830	ug/l	97
43) Isopropyl Acetate	8.258	43	24453	20.982	ug/l #	82
44) Trichloroethene	8.929	130	22846	19.553	ug/l	100
45) 1,2-Dichloropropane	9.203	63	17896	20.105	ug/l #	86
46) Dibromomethane	9.295	93	11741	20.350	ug/l	94
47) Bromodichloromethane	9.484	83	28841	20.010	ug/l	99
48) Methyl methacrylate	9.289	41	10568	19.950	ug/l	91
49) 1,4-Dioxane	9.295	88	2899	428.640	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	63287	106.362	ug/l	92
52) Toluene	10.233	92	52260	19.236	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	24139	19.397	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	29023	19.880	ug/l	93
55) 1,1,2-Trichloroethane	10.636	97	15310	20.955	ug/l	92
56) Ethyl methacrylate	10.502	69	20335	21.141	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	27142	22.410	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	44022	95.794	ug/l	91
59) 2-Hexanone	10.825	43	43562	104.648	ug/l	93
60) Dibromochloromethane	10.977	129	20813	20.733	ug/l	99
61) 1,2-Dibromoethane	11.087	107	15746	22.169	ug/l	96
64) Tetrachloroethene	10.715	164	21198	18.198	ug/l	98
65) Chlorobenzene	11.508	112	60972	20.084	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	20864	19.947	ug/l	98
67) Ethyl Benzene	11.587	91	101920	19.164	ug/l	96
68) m/p-Xylenes	11.697	106	82594	39.576	ug/l	99
69) o-Xylene	12.026	106	37775	19.253	ug/l	97
70) Styrene	12.038	104	65977	20.153	ug/l	97
71) Bromoform	12.203	173	12517	21.955	ug/l #	96
73) Isopropylbenzene	12.325	105	101474	18.756	ug/l	99
74) N-amyl acetate	12.142	43	22016	19.898	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.575	83	18410	21.585	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	12676m	21.893	ug/l	
77) Bromobenzene	12.605	156	25610	19.828	ug/l	92
78) n-propylbenzene	12.666	91	121571	18.922	ug/l	97
79) 2-Chlorotoluene	12.751	91	68096	18.850	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	83555	18.875	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4907	18.968	ug/l #	85
82) 4-Chlorotoluene	12.849	91	70526	18.959	ug/l	98
83) tert-Butylbenzene	13.068	119	76765	18.783	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	83739	19.036	ug/l	99
85) sec-Butylbenzene	13.251	105	110261	19.007	ug/l	98
86) p-Isopropyltoluene	13.367	119	95974	19.164	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	50049	19.730	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	50695	20.163	ug/l	99
89) n-Butylbenzene	13.690	91	87100	19.184	ug/l	97
90) Hexachloroethane	13.958	117	17044	18.300	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	43700	19.943	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3041	22.004	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	28301	21.157	ug/l	96
94) Hexachlorobutadiene	15.111	225	15793	20.483	ug/l	97
95) Naphthalene	15.233	128	51709	22.534	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	24301	21.233	ug/l	98

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

