

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018608.D
 Acq On : 17 Jun 2024 14:25
 Operator : SY/MD
 Sample : VY0617SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0617SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/18/2024
 Supervised By :Semsettin Yesilyurt 06/18/2024

Quant Time: Jun 18 01:23:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.777	168	121287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	207473	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	185976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	69134	56.616	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.240%			
35) Dibromofluoromethane	7.704	113	70000	55.309	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.620%			
50) Toluene-d8	10.173	98	272391	55.965	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.940%			
62) 4-Bromofluorobenzene	12.477	95	85179	55.422	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.894	85	17337	21.703	ug/l	99
3) Chloromethane	2.101	50	35857	21.794	ug/l	99
4) Vinyl Chloride	2.235	62	41845	20.538	ug/l	97
5) Bromomethane	2.625	94	30892	20.399	ug/l	93
6) Chloroethane	2.778	64	27802	20.830	ug/l	95
7) Trichlorofluoromethane	3.101	101	53628	24.442	ug/l	99
8) Diethyl Ether	3.515	74	13883	22.192	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.875	101	25803	22.508	ug/l	96
10) Methyl Iodide	4.070	142	22543	16.732	ug/l	98
11) Tert butyl alcohol	4.948	59	15774	71.816	ug/l	98
12) 1,1-Dichloroethene	3.845	96	23216	20.152	ug/l	92
13) Acrolein	3.710	56	6471	91.638	ug/l	91
14) Allyl chloride	4.454	41	35185	22.654	ug/l	95
15) Acrylonitrile	5.137	53	32752	117.685	ug/l	98
16) Acetone	3.936	43	23467	94.459	ug/l #	87
17) Carbon Disulfide	4.174	76	53064	16.732	ug/l	100
18) Methyl Acetate	4.454	43	14401	22.853	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	68613	22.327	ug/l	96
20) Methylene Chloride	4.698	84	47477	26.863	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	25399	19.367	ug/l	99
22) Diisopropyl ether	6.094	45	83693	23.870	ug/l	91
23) Vinyl Acetate	6.045	43	255616	89.342	ug/l	99
24) 1,1-Dichloroethane	5.997	63	49573	21.946	ug/l	99
25) 2-Butanone	6.972	43	41447	111.299	ug/l	94
26) 2,2-Dichloropropane	6.966	77	37625	19.770	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	33192	20.954	ug/l	97
28) Bromochloromethane	7.313	49	22601	24.411	ug/l	87
29) Tetrahydrofuran	7.338	42	27212	119.073	ug/l	91
30) Chloroform	7.496	83	52927	21.500	ug/l	95
31) Cyclohexane	7.771	56	40215	21.500	ug/l	96
32) 1,1,1-Trichloroethane	7.685	97	44050	21.063	ug/l	97
36) 1,1-Dichloropropene	7.905	75	35552	20.408	ug/l	97
37) Ethyl Acetate	7.057	43	19885	24.214	ug/l	97
38) Carbon Tetrachloride	7.886	117	38592	21.115	ug/l	99
39) Methylcyclohexane	9.173	83	44963	21.064	ug/l	93
40) Benzene	8.149	78	113064	20.986	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9564m	23.156	ug/l	
42) 1,2-Dichloroethane	8.222	62	30672	21.822	ug/l	97
43) Isopropyl Acetate	8.264	43	37374	24.383	ug/l	92
44) Trichloroethene	8.929	130	28174	19.974	ug/l	96
45) 1,2-Dichloropropane	9.209	63	27706	22.490	ug/l	97
46) Dibromomethane	9.301	93	15567	20.365	ug/l	93
47) Bromodichloromethane	9.490	83	39539	21.672	ug/l #	96
48) Methyl methacrylate	9.283	41	15545	22.528	ug/l	90
49) 1,4-Dioxane	9.289	88	4075	405.340	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	100087	123.966	ug/l	94
52) Toluene	10.240	92	71221	20.589	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	34685	21.755	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	41006	21.313	ug/l #	91
55) 1,1,2-Trichloroethane	10.636	97	22520	22.150	ug/l	95
56) Ethyl methacrylate	10.502	69	29964	22.522	ug/l #	89
57) 1,3-Dichloropropane	10.782	76	37904	22.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	72185	112.389	ug/l	98
59) 2-Hexanone	10.825	43	67256	118.924	ug/l	95
60) Dibromochloromethane	10.977	129	27676	21.913	ug/l	99
61) 1,2-Dibromoethane	11.081	107	21038	22.390	ug/l	94
64) Tetrachloroethene	10.715	164	27788	20.949	ug/l	96
65) Chlorobenzene	11.508	112	81999	21.344	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.581	131	26396	20.502	ug/l	98
67) Ethyl Benzene	11.587	91	138696	20.806	ug/l	96
68) m/p-Xylenes	11.697	106	107137	41.303	ug/l	98
69) o-Xylene	12.026	106	50609	20.289	ug/l	96
70) Styrene	12.038	104	85982	20.865	ug/l	98
71) Bromoform	12.203	173	14674	20.772	ug/l #	96
73) Isopropylbenzene	12.325	105	134663	20.754	ug/l	99
74) N-amyl acetate	12.142	43	32474	24.441	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	25869	22.454	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	20089m	24.102	ug/l	
77) Bromobenzene	12.605	156	29490	19.653	ug/l	94
78) n-propylbenzene	12.666	91	162860	21.447	ug/l	100
79) 2-Chlorotoluene	12.751	91	87987	20.527	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	106799	20.768	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	7080	22.250	ug/l #	85
82) 4-Chlorotoluene	12.849	91	91287	21.149	ug/l	99
83) tert-Butylbenzene	13.069	119	97489	20.483	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	105952	20.614	ug/l	99
85) sec-Butylbenzene	13.251	105	146319	21.555	ug/l	100
86) p-Isopropyltoluene	13.367	119	122475	21.282	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	60377	19.949	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	62129	20.919	ug/l	97
89) n-Butylbenzene	13.690	91	115932	22.350	ug/l	99
90) Hexachloroethane	13.959	117	22458	21.482	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	54529	21.090	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3939	23.611	ug/l	80
93) 1,2,4-Trichlorobenzene	15.001	180	29393	20.406	ug/l	97
94) Hexachlorobutadiene	15.111	225	15895	21.477	ug/l	97
95) Naphthalene	15.233	128	58316	21.664	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	26509	21.781	ug/l	97

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

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