

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061724\
 Data File : VY018607.D
 Acq On : 17 Jun 2024 13:59
 Operator : SY/MD
 Sample : VY0617SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0617SBS01

Quant Time: Jun 18 01:22:36 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	133657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	231942	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.484	117	207169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	76900	57.147	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.300%			
35) Dibromofluoromethane	7.704	113	77507	54.780	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.560%			
50) Toluene-d8	10.173	98	303081	55.702	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.400%			
62) 4-Bromofluorobenzene	12.477	95	95184	55.399	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	16098	18.287	ug/l	99
3) Chloromethane	2.101	50	35714	19.698	ug/l	99
4) Vinyl Chloride	2.235	62	44593	19.861	ug/l	97
5) Bromomethane	2.625	94	31780	19.043	ug/l	98
6) Chloroethane	2.772	64	28758	19.552	ug/l	98
7) Trichlorofluoromethane	3.101	101	52254	21.612	ug/l	94
8) Diethyl Ether	3.515	74	13475	19.546	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.875	101	26002	20.583	ug/l	94
10) Methyl Iodide	4.070	142	20699	14.057	ug/l	100
11) Tert butyl alcohol	4.936	59	15198	62.789	ug/l #	87
12) 1,1-Dichloroethene	3.851	96	23341	18.385	ug/l	91
13) Acrolein	3.711	56	6295	80.895	ug/l	100
14) Allyl chloride	4.454	41	34944	20.417	ug/l	95
15) Acrylonitrile	5.143	53	30328	98.890	ug/l	98
16) Acetone	3.930	43	22970	83.901	ug/l #	86
17) Carbon Disulfide	4.174	76	52076	15.144	ug/l	95
18) Methyl Acetate	4.460	43	13567	19.537	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	64609	19.078	ug/l	97
20) Methylene Chloride	4.692	84	42900	20.061	ug/l #	90
21) trans-1,2-Dichloroethene	5.198	96	25843	17.882	ug/l	95
22) Diisopropyl ether	6.100	45	82650	21.391	ug/l	95
23) Vinyl Acetate	6.045	43	250527	81.866	ug/l	96
24) 1,1-Dichloroethane	6.003	63	48898	19.644	ug/l	98
25) 2-Butanone	6.972	43	39562	96.404	ug/l	89
26) 2,2-Dichloropropane	6.960	77	38966	18.580	ug/l	98
27) cis-1,2-Dichloroethene	6.966	96	32856	18.822	ug/l	96
28) Bromochloromethane	7.314	49	22724	22.272	ug/l	83
29) Tetrahydrofuran	7.338	42	26450	105.027	ug/l	88
30) Chloroform	7.490	83	52585	19.384	ug/l	95
31) Cyclohexane	7.771	56	40266	19.535	ug/l	96
32) 1,1,1-Trichloroethane	7.692	97	43327	18.800	ug/l	96
36) 1,1-Dichloropropene	7.905	75	37048	19.023	ug/l	94
37) Ethyl Acetate	7.058	43	18779	20.455	ug/l	96
38) Carbon Tetrachloride	7.893	117	37583	18.394	ug/l	90
39) Methylcyclohexane	9.173	83	45484	19.060	ug/l	94
40) Benzene	8.149	78	111810	18.564	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	9418	20.397	ug/l	90
42) 1,2-Dichloroethane	8.228	62	29673	18.884	ug/l	100
43) Isopropyl Acetate	8.265	43	35627	20.791	ug/l	93
44) Trichloroethene	8.929	130	27370	17.357	ug/l	83
45) 1,2-Dichloropropane	9.203	63	27014	19.615	ug/l	96
46) Dibromomethane	9.301	93	15907	18.614	ug/l	91
47) Bromodichloromethane	9.490	83	39896	19.561	ug/l	100
48) Methyl methacrylate	9.283	41	14372	18.630	ug/l	92
49) 1,4-Dioxane	9.289	88	4034	358.930	ug/l #	95
51) 4-Methyl-2-Pentanone	10.063	43	91722	101.620	ug/l	96
52) Toluene	10.240	92	73562	19.023	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	33490	18.789	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	41193	19.151	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	20990	18.467	ug/l	92
56) Ethyl methacrylate	10.502	69	27905	18.762	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	36886	19.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	70938	98.795	ug/l	95
59) 2-Hexanone	10.825	43	63219	99.992	ug/l	92
60) Dibromochloromethane	10.984	129	26041	18.443	ug/l	98
61) 1,2-Dibromoethane	11.087	107	18904	17.996	ug/l	99
64) Tetrachloroethene	10.715	164	27381	18.531	ug/l	98
65) Chlorobenzene	11.514	112	80746	18.867	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	25966	18.105	ug/l	99
67) Ethyl Benzene	11.587	91	140953	18.982	ug/l	95
68) m/p-Xylenes	11.697	106	109574	37.921	ug/l	99
69) o-Xylene	12.026	106	51587	18.566	ug/l	99
70) Styrene	12.038	104	86563	18.858	ug/l	99
71) Bromoform	12.203	173	13902	17.666	ug/l #	97
73) Isopropylbenzene	12.325	105	134991	18.982	ug/l	100
74) N-amyl acetate	12.142	43	31517	21.643	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	25138	19.908	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	15678m	17.162	ug/l	
77) Bromobenzene	12.605	156	29033	17.654	ug/l	90
78) n-propylbenzene	12.666	91	164756	19.797	ug/l	99
79) 2-Chlorotoluene	12.752	91	92716	19.736	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	107502	19.074	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	6926	19.859	ug/l #	85
82) 4-Chlorotoluene	12.849	91	93196	19.700	ug/l	99
83) tert-Butylbenzene	13.069	119	99247	19.026	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	108576	19.274	ug/l	99
85) sec-Butylbenzene	13.245	105	149457	20.089	ug/l	100
86) p-Isopropyltoluene	13.367	119	121748	19.303	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	61512	18.544	ug/l	98
88) 1,4-Dichlorobenzene	13.441	146	61025	18.748	ug/l	96
89) n-Butylbenzene	13.690	91	117401	20.651	ug/l	99
90) Hexachloroethane	13.959	117	23062	20.128	ug/l	86
91) 1,2-Dichlorobenzene	13.739	146	54851	19.357	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3348	18.311	ug/l	87
93) 1,2,4-Trichlorobenzene	15.001	180	29390	18.617	ug/l	98
94) Hexachlorobutadiene	15.105	225	16119	19.872	ug/l	96
95) Naphthalene	15.233	128	54681	18.535	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	24544	18.400	ug/l	99

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

