

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017152.D
 Acq On : 31 Jan 2024 11:35
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Jan 31 22:56:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/01/2024
 Supervised By :Semsettin Yesilyurt 02/01/2024

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	100919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	172534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	150538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54207	55.130	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.260%			
35) Dibromofluoromethane	7.728	113	55407	53.209	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.420%			
50) Toluene-d8	10.191	98	211448	53.762	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.520%			
62) 4-Bromofluorobenzene	12.489	95	66164	54.608	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 109.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	18591	22.371	ug/l	94
3) Chloromethane	2.119	50	30512	21.168	ug/l	100
4) Vinyl Chloride	2.253	62	37414	23.192	ug/l	100
5) Bromomethane	2.656	94	28708	24.531	ug/l	100
6) Chloroethane	2.796	64	24572	23.728	ug/l	96
7) Trichlorofluoromethane	3.131	101	39338	21.682	ug/l	99
8) Diethyl Ether	3.540	74	11993	20.626	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	24135	21.381	ug/l	98
10) Methyl Iodide	4.101	142	18383	17.142	ug/l	99
11) Tert butyl alcohol	4.972	59	9263	123.025	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	20282	19.628	ug/l	98
13) Acrolein	3.741	56	9742	82.613	ug/l	95
14) Allyl chloride	4.497	41	32530	20.828	ug/l	98
15) Acrylonitrile	5.180	53	26989	106.948	ug/l	100
16) Acetone	3.960	43	39674	133.345	ug/l	92
17) Carbon Disulfide	4.210	76	46496	14.930	ug/l	99
18) Methyl Acetate	4.497	43	20885	20.705	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	54027	21.427	ug/l	99
20) Methylene Chloride	4.728	84	28050	22.289	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	23245	19.449	ug/l	96
22) Diisopropyl ether	6.131	45	78663	22.818	ug/l	97
23) Vinyl Acetate	6.076	43	179371	107.260	ug/l	99
24) 1,1-Dichloroethane	6.033	63	46143	21.944	ug/l	98
25) 2-Butanone	7.002	43	46957	119.351	ug/l	98
26) 2,2-Dichloropropane	6.996	77	39496	21.991	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	28276	21.349	ug/l	98
28) Bromochloromethane	7.344	49	17700	21.144	ug/l	98
29) Tetrahydrofuran	7.362	42	21415	107.407	ug/l	97
30) Chloroform	7.521	83	47574	22.219	ug/l	91
31) Cyclohexane	7.801	56	35898	18.603	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	40640	22.135	ug/l	98
36) 1,1-Dichloropropene	7.935	75	34312	20.027	ug/l	100
37) Ethyl Acetate	7.088	43	17019	23.102	ug/l	96
38) Carbon Tetrachloride	7.917	117	34128	20.327	ug/l	100
39) Methylcyclohexane	9.197	83	36569	17.746	ug/l	94
40) Benzene	8.173	78	102317	20.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	8623m	21.886	ug/l	
42) 1,2-Dichloroethane	8.252	62	27214	21.097	ug/l	99
43) Isopropyl Acetate	8.289	43	29338	21.332	ug/l	100
44) Trichloroethene	8.953	130	26073	20.431	ug/l	99
45) 1,2-Dichloropropane	9.228	63	26243	21.489	ug/l	96
46) Dibromomethane	9.319	93	13446	20.732	ug/l	99
47) Bromodichloromethane	9.508	83	36757	22.277	ug/l	93
48) Methyl methacrylate	9.307	41	15515	20.318	ug/l	93
49) 1,4-Dioxane	9.313	88	2938	460.583	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	81637	111.589	ug/l	98
52) Toluene	10.258	92	63961	21.238	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	32387	21.486	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	39420	21.263	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	19679	21.709	ug/l	95
56) Ethyl methacrylate	10.520	69	16267	20.521	ug/l	95
57) 1,3-Dichloropropane	10.801	76	33457	21.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	59804	108.685	ug/l	98
59) 2-Hexanone	10.843	43	67536	121.003	ug/l	99
60) Dibromochloromethane	10.996	129	22249	21.126	ug/l	98
61) 1,2-Dibromoethane	11.099	107	16570	20.122	ug/l	95
64) Tetrachloroethene	10.733	164	20953	19.969	ug/l	97
65) Chlorobenzene	11.526	112	67350	21.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	25068	21.513	ug/l	98
67) Ethyl Benzene	11.605	91	121160	20.892	ug/l	97
68) m/p-Xylenes	11.715	106	90996	41.762	ug/l	100
69) o-Xylene	12.038	106	41446	20.940	ug/l	98
70) Styrene	12.056	104	62079	21.605	ug/l	100
71) Bromoform	12.215	173	12313	21.073	ug/l #	99
73) Isopropylbenzene	12.337	105	115421	20.600	ug/l	100
74) N-amyl acetate	12.154	43	23821	21.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	22412	20.977	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	14726m	17.801	ug/l	
77) Bromobenzene	12.617	156	25104	20.707	ug/l	98
78) n-propylbenzene	12.678	91	143676	21.320	ug/l	100
79) 2-Chlorotoluene	12.764	91	79029	21.370	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	93104	20.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	6378	19.959	ug/l	99
82) 4-Chlorotoluene	12.867	91	81585	21.286	ug/l	99
83) tert-Butylbenzene	13.087	119	81546	21.260	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	92416	20.969	ug/l	99
85) sec-Butylbenzene	13.264	105	122293	21.533	ug/l	100
86) p-Isopropyltoluene	13.379	119	101033	21.356	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	49610	20.726	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	49060	20.832	ug/l	98
89) n-Butylbenzene	13.702	91	98638	21.616	ug/l	98
90) Hexachloroethane	13.971	117	20881	21.176	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	43298	21.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2850	20.886	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	21469	20.098	ug/l	98
94) Hexachlorobutadiene	15.117	225	13095	20.369	ug/l	98
95) Naphthalene	15.245	128	36940	19.580	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	17827	20.060	ug/l	95

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

