

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012624\
 Data File : VY017114.D
 Acq On : 26 Jan 2024 12:01
 Operator : SY/MD
 Sample : VY0126SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0126SBS01

Quant Time: Jan 29 04:14:41 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 01/29/2024
 Supervised By :Semsettin Yesilyurt 01/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	114256	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.691	114	193193	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.495	117	166268	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	71388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	62768	56.385	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.760%			
35) Dibromofluoromethane	7.716	113	65363	56.057	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.120%			
50) Toluene-d8	10.185	98	252450	57.323	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 114.640%			
62) 4-Bromofluorobenzene	12.489	95	77720	57.287	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 114.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	24095	26.497	ug/l	99
3) Chloromethane	2.113	50	40526	25.648	ug/l	99
4) Vinyl Chloride	2.247	62	46366	25.879	ug/l	95
5) Bromomethane	2.649	94	33953	25.806	ug/l	100
6) Chloroethane	2.790	64	29850	25.751	ug/l	98
7) Trichlorofluoromethane	3.119	101	48309	23.842	ug/l	96
8) Diethyl Ether	3.527	74	13789	20.946	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.899	101	28763	22.507	ug/l	98
10) Methyl Iodide	4.088	142	24258	19.980	ug/l	98
11) Tert butyl alcohol	4.954	59	9486	110.832	ug/l	98
12) 1,1-Dichloroethene	3.869	96	25678	21.950	ug/l	94
13) Acrolein	3.729	56	13760	103.066	ug/l	99
14) Allyl chloride	4.478	41	39407	22.286	ug/l	99
15) Acrylonitrile	5.161	53	28978	101.426	ug/l	98
16) Acetone	3.942	43	41214	119.458	ug/l	98
17) Carbon Disulfide	4.192	76	74218	21.049	ug/l	99
18) Methyl Acetate	4.472	43	22930	20.079	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	57809	20.250	ug/l	98
20) Methylene Chloride	4.716	84	30463	21.099	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	29644	21.907	ug/l	98
22) Diisopropyl ether	6.118	45	88006	22.548	ug/l	93
23) Vinyl Acetate	6.057	43	202602	107.010	ug/l	100
24) 1,1-Dichloroethane	6.021	63	54000	22.683	ug/l	98
25) 2-Butanone	6.990	43	48740	108.342	ug/l	99
26) 2,2-Dichloropropane	6.984	77	43905	21.593	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	32905	21.944	ug/l	98
28) Bromochloromethane	7.338	49	21795	22.996	ug/l	98
29) Tetrahydrofuran	7.344	42	23158	102.591	ug/l	97
30) Chloroform	7.508	83	54633	22.537	ug/l	99
31) Cyclohexane	7.789	56	46170	21.590	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	45928	22.095	ug/l	98
36) 1,1-Dichloropropene	7.917	75	41622	21.696	ug/l	99
37) Ethyl Acetate	7.075	43	17284	20.953	ug/l	99
38) Carbon Tetrachloride	7.905	117	40983	21.799	ug/l	99
39) Methylcyclohexane	9.185	83	48926	21.204	ug/l	97
40) Benzene	8.161	78	123238	22.120	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8423m	19.092	ug/l	
42) 1,2-Dichloroethane	8.240	62	31134	21.555	ug/l	99
43) Isopropyl Acetate	8.277	43	31405	20.393	ug/l	98
44) Trichloroethene	8.941	130	31023	21.710	ug/l	99
45) 1,2-Dichloropropane	9.221	63	31112	22.751	ug/l	98
46) Dibromomethane	9.307	93	15473	21.306	ug/l	98
47) Bromodichloromethane	9.502	83	40405	21.869	ug/l	93
48) Methyl methacrylate	9.295	41	17655	20.648	ug/l	99
49) 1,4-Dioxane	9.301	88	3122	437.092	ug/l	99
51) 4-Methyl-2-Pentanone	10.075	43	82006	100.107	ug/l	99
52) Toluene	10.246	92	73887	21.911	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	35775	21.196	ug/l	96
54) cis-1,3-Dichloropropene	9.935	75	44409	21.393	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	21467	21.149	ug/l	97
56) Ethyl methacrylate	10.514	69	18100	20.392	ug/l	98
57) 1,3-Dichloropropane	10.794	76	36499	21.269	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	65676	106.593	ug/l	99
59) 2-Hexanone	10.837	43	66836	106.944	ug/l	99
60) Dibromochloromethane	10.989	129	24729	20.970	ug/l	100
61) 1,2-Dibromoethane	11.093	107	19078	20.690	ug/l	99
64) Tetrachloroethene	10.727	164	24705	21.317	ug/l	96
65) Chlorobenzene	11.520	112	75855	21.529	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.599	131	27834	21.627	ug/l	99
67) Ethyl Benzene	11.599	91	137143	21.411	ug/l	97
68) m/p-Xylenes	11.709	106	104626	43.475	ug/l	98
69) o-Xylene	12.038	106	47118	21.554	ug/l	98
70) Styrene	12.050	104	69206	21.807	ug/l	99
71) Bromoform	12.215	173	12863	19.932	ug/l #	97
73) Isopropylbenzene	12.337	105	128549	21.904	ug/l	100
74) N-amyl acetate	12.148	43	24796	20.962	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	23309	20.829	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	17122m	19.760	ug/l	
77) Bromobenzene	12.617	156	27813	21.902	ug/l	99
78) n-propylbenzene	12.678	91	160398	22.723	ug/l	100
79) 2-Chlorotoluene	12.764	91	86102	22.229	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	104560	22.512	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	6469	19.328	ug/l	98
82) 4-Chlorotoluene	12.861	91	89969	22.411	ug/l	99
83) tert-Butylbenzene	13.081	119	89869	22.369	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	101498	21.987	ug/l	99
85) sec-Butylbenzene	13.263	105	135146	22.718	ug/l	100
86) p-Isopropyltoluene	13.373	119	110503	22.300	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	53789	21.454	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	53930	21.863	ug/l	98
89) n-Butylbenzene	13.702	91	107268	22.443	ug/l	99
90) Hexachloroethane	13.964	117	23447	22.702	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	45972	21.472	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2726	19.073	ug/l	97
93) 1,2,4-Trichlorobenzene	15.013	180	23480	20.986	ug/l	98
94) Hexachlorobutadiene	15.123	225	14656	21.765	ug/l	99
95) Naphthalene	15.245	128	38344	19.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	19625	21.083	ug/l	100

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

