

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019214.D
 Acq On : 22 Aug 2024 12:39
 Operator : SY/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

Quant Time: Aug 23 01:50:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.701	168	114157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	181454	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	159845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	75998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	47847	41.812	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.620%
35) Dibromofluoromethane	7.628	113	52808	44.509	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.020%
50) Toluene-d8	10.103	98	190365	44.586	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.180%
62) 4-Bromofluorobenzene	12.408	95	62967	43.261	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	14594	17.425	ug/l	91
3) Chloromethane	2.068	50	23863	15.807	ug/l	97
4) Vinyl Chloride	2.202	62	31579	16.935	ug/l	93
5) Bromomethane	2.586	94	26248	19.440	ug/l	98
6) Chloroethane	2.733	64	22017	17.329	ug/l	96
7) Trichlorofluoromethane	3.050	101	45839	16.259	ug/l	93
8) Diethyl Ether	3.452	74	10309	16.940	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.812	101	21881	17.458	ug/l	95
10) Methyl Iodide	4.001	142	21949	17.866	ug/l	97
11) Tert butyl alcohol	4.842	59	11786	95.206	ug/l #	98
12) 1,1-Dichloroethene	3.781	96	20066	17.622	ug/l	94
13) Acrolein	3.641	56	7541	73.858	ug/l	91
14) Allyl chloride	4.379	41	26739	17.661	ug/l	95
15) Acrylonitrile	5.049	53	21418	86.016	ug/l	98
16) Acetone	3.854	43	19262	90.764	ug/l #	85
17) Carbon Disulfide	4.098	76	54162	16.863	ug/l #	94
18) Methyl Acetate	4.379	43	11061	16.982	ug/l	99
19) Methyl tert-butyl Ether	5.116	73	49241	17.836	ug/l	97
20) Methylene Chloride	4.604	84	28043	13.892	ug/l	98
21) trans-1,2-Dichloroethene	5.104	96	22947	18.037	ug/l	98
22) Diisopropyl ether	6.012	45	61012	17.604	ug/l	96
23) Vinyl Acetate	5.951	43	233205	84.988	ug/l	99
24) 1,1-Dichloroethane	5.909	63	38478	18.154	ug/l	99
25) 2-Butanone	6.884	43	28833	84.363	ug/l	90
26) 2,2-Dichloropropane	6.872	77	31605	18.414	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	28195	18.832	ug/l	96
28) Bromochloromethane	7.238	49	15464	17.393	ug/l	100
29) Tetrahydrofuran	7.250	42	17897	81.460	ug/l	95
30) Chloroform	7.415	83	44049	18.651	ug/l	97
31) Cyclohexane	7.695	56	31370	16.278	ug/l #	94
32) 1,1,1-Trichloroethane	7.610	97	38960	18.771	ug/l	98
36) 1,1-Dichloropropene	7.823	75	29373	18.029	ug/l	100
37) Ethyl Acetate	6.976	43	13044	18.071	ug/l	98
38) Carbon Tetrachloride	7.805	117	34942	18.507	ug/l	98
39) Methylcyclohexane	9.103	83	37332	17.856	ug/l	97
40) Benzene	8.073	78	93081	18.628	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	8276m	21.006	ug/l	
42) 1,2-Dichloroethane	8.152	62	24818	18.393	ug/l	99
43) Isopropyl Acetate	8.189	43	24875	17.040	ug/l #	81
44) Trichloroethene	8.859	130	25731	18.455	ug/l	98
45) 1,2-Dichloropropane	9.134	63	20173	18.120	ug/l	96
46) Dibromomethane	9.225	93	13387	18.540	ug/l	97
47) Bromodichloromethane	9.420	83	32399	18.289	ug/l	93
48) Methyl methacrylate	9.219	41	10843	16.667	ug/l	88
49) 1,4-Dioxane	9.225	88	2850	325.830	ug/l #	96
51) 4-Methyl-2-Pentanone	9.993	43	65769	84.885	ug/l	93
52) Toluene	10.170	92	61567	18.771	ug/l	96
53) t-1,3-Dichloropropene	10.390	75	26046	17.724	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	31534	17.843	ug/l	92
55) 1,1,2-Trichloroethane	10.573	97	17654	18.992	ug/l	95
56) Ethyl methacrylate	10.438	69	20597	16.929	ug/l #	85
57) 1,3-Dichloropropane	10.713	76	28240	18.637	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.707	63	52692	91.290	ug/l	95
59) 2-Hexanone	10.755	43	43770	82.227	ug/l	93
60) Dibromochloromethane	10.914	129	23044	18.201	ug/l	97
61) 1,2-Dibromoethane	11.012	107	16162	17.989	ug/l	98
64) Tetrachloroethene	10.646	164	25460	18.223	ug/l	98
65) Chlorobenzene	11.438	112	67277	18.279	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.518	131	23634	18.259	ug/l	98
67) Ethyl Benzene	11.518	91	112662	17.636	ug/l	94
68) m/p-Xylenes	11.627	106	91716	36.182	ug/l	98
69) o-Xylene	11.956	106	41492	17.676	ug/l	96
70) Styrene	11.969	104	71881	17.957	ug/l	99
71) Bromoform	12.133	173	12717	17.187	ug/l #	96
73) Isopropylbenzene	12.255	105	111208	19.092	ug/l	100
74) N-amyl acetate	12.072	43	21053	16.575	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.505	83	18003	17.361	ug/l	95
76) 1,2,3-Trichloropropane	12.554	75	13977m	18.649	ug/l	
77) Bromobenzene	12.530	156	26233	18.753	ug/l	95
78) n-propylbenzene	12.597	91	130745	18.776	ug/l	98
79) 2-Chlorotoluene	12.682	91	75062	19.227	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	89517	18.864	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	5378	17.721	ug/l	89
82) 4-Chlorotoluene	12.780	91	76770	18.902	ug/l	100
83) tert-Butylbenzene	12.999	119	81803	18.667	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	87026	18.401	ug/l	97
85) sec-Butylbenzene	13.176	105	121455	19.019	ug/l	99
86) p-Isopropyltoluene	13.292	119	98269	18.734	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	51999	18.848	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	51657	18.837	ug/l	99
89) n-Butylbenzene	13.621	91	89796	18.777	ug/l	98
90) Hexachloroethane	13.883	117	19492	18.853	ug/l	98
91) 1,2-Dichlorobenzene	13.657	146	44399	18.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	2632	17.253	ug/l	95
93) 1,2,4-Trichlorobenzene	14.925	180	24260	17.730	ug/l	95
94) Hexachlorobutadiene	15.029	225	14165	19.875	ug/l	100
95) Naphthalene	15.145	128	38083	15.595	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	19617	16.998	ug/l	98

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

