

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112024\
 Data File : VY020371.D
 Acq On : 20 Nov 2024 19:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024
 Supervised By :Semsettin Yesilyurt 11/21/2024

Quant Time: Nov 21 00:53:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	153851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	267934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	234180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	109973	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	103698	58.667	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.340%
35) Dibromofluoromethane	7.634	113	88084	51.269	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.540%
50) Toluene-d8	10.103	98	347225	51.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.620%
62) 4-Bromofluorobenzene	12.402	95	118412	54.426	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	108.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	85928	57.540	ug/l	98
3) Chloromethane	2.068	50	97789	49.983	ug/l	98
4) Vinyl Chloride	2.208	62	91411	44.619	ug/l	97
5) Bromomethane	2.598	94	52718	51.523	ug/l	98
6) Chloroethane	2.739	64	56918	47.625	ug/l	98
7) Trichlorofluoromethane	3.062	101	152096	53.423	ug/l	99
8) Diethyl Ether	3.452	74	51872	57.746	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.818	101	84030	49.561	ug/l	99
10) Methyl Iodide	4.007	142	122552	53.963	ug/l	94
11) Tert butyl alcohol	4.872	59	35364	277.195	ug/l	99
12) 1,1-Dichloroethene	3.793	96	87773	52.298	ug/l	99
13) Acrolein	3.653	56	31713	289.748	ug/l	96
14) Allyl chloride	4.385	41	170939	52.670	ug/l	95
15) Acrylonitrile	5.061	53	118478	298.371	ug/l	98
16) Acetone	3.873	43	95826	226.144	ug/l	95
17) Carbon Disulfide	4.110	76	294071	52.008	ug/l	100
18) Methyl Acetate	4.391	43	67196	68.030	ug/l	99
19) Methyl tert-butyl Ether	5.122	73	258216	59.226	ug/l	100
20) Methylene Chloride	4.616	84	101315	56.461	ug/l	99
21) trans-1,2-Dichloroethene	5.116	96	100581	53.958	ug/l	91
22) Diisopropyl ether	6.025	45	354667	55.453	ug/l	97
23) Vinyl Acetate	5.964	43	949753	265.725	ug/l	99
24) 1,1-Dichloroethane	5.921	63	198321	54.927	ug/l	98
25) 2-Butanone	6.896	43	154027	282.350	ug/l	95
26) 2,2-Dichloropropane	6.890	77	137443	46.056	ug/l	100
27) cis-1,2-Dichloroethene	6.896	96	119772	58.336	ug/l	97
28) Bromochloromethane	7.244	49	77396	50.931	ug/l	98
29) Tetrahydrofuran	7.262	42	101795	312.214	ug/l	99
30) Chloroform	7.421	83	199918	57.339	ug/l	100
31) Cyclohexane	7.701	56	160360	48.668	ug/l	96
32) 1,1,1-Trichloroethane	7.622	97	176530	57.662	ug/l	98
36) 1,1-Dichloropropene	7.835	75	139304	53.086	ug/l	99
37) Ethyl Acetate	6.988	43	71359	59.362	ug/l	99
38) Carbon Tetrachloride	7.823	117	156676	57.184	ug/l	99
39) Methylcyclohexane	9.109	83	169125	51.498	ug/l	98
40) Benzene	8.079	78	429496	55.850	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	42425	62.027	ug/l	96
42) 1,2-Dichloroethane	8.158	62	124708	60.079	ug/l	99
43) Isopropyl Acetate	8.195	43	140627	60.156	ug/l	99
44) Trichloroethene	8.866	130	100724	55.281	ug/l	100
45) 1,2-Dichloropropane	9.140	63	103960	56.661	ug/l	99
46) Dibromomethane	9.231	93	54836	58.312	ug/l	100
47) Bromodichloromethane	9.420	83	151622	58.406	ug/l	99
48) Methyl methacrylate	9.219	41	68450	61.244	ug/l	98
49) 1,4-Dioxane	9.225	88	11175	1155.056	ug/l	91
51) 4-Methyl-2-Pentanone	9.993	43	362032	305.165	ug/l	99
52) Toluene	10.170	92	264556	56.285	ug/l	100
53) t-1,3-Dichloropropene	10.390	75	136033	55.414	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	159359	56.708	ug/l	98
55) 1,1,2-Trichloroethane	10.573	97	70317	56.331	ug/l	98
56) Ethyl methacrylate	10.438	69	111146	59.289	ug/l	99
57) 1,3-Dichloropropane	10.713	76	130061	57.976	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	256068	288.073	ug/l	100
59) 2-Hexanone	10.756	43	242612	288.804	ug/l	99
60) Dibromochloromethane	10.908	129	96083	59.717	ug/l	98
61) 1,2-Dibromoethane	11.012	107	65971	57.033	ug/l	100
64) Tetrachloroethene	10.646	164	101433	60.088	ug/l	96
65) Chlorobenzene	11.438	112	276897	53.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	96773	55.481	ug/l	98
67) Ethyl Benzene	11.518	91	514320	53.393	ug/l	100
68) m/p-Xylenes	11.627	106	375409	108.196	ug/l	97
69) o-Xylene	11.950	106	179357	54.500	ug/l	97
70) Styrene	11.969	104	305508	55.874	ug/l	98
71) Bromoform	12.133	173	53606	58.969	ug/l #	99
73) Isopropylbenzene	12.255	105	472014	50.667	ug/l	99
74) N-amyl acetate	12.066	43	121335	53.895	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.505	83	80133	53.222	ug/l	99
76) 1,2,3-Trichloropropane	12.554	75	58834m	56.761	ug/l	
77) Bromobenzene	12.530	156	104952	53.772	ug/l	99
78) n-propylbenzene	12.597	91	566210	50.643	ug/l	99
79) 2-Chlorotoluene	12.682	91	330516	51.415	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	391177	51.956	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.304	75	26521	50.135	ug/l	99
82) 4-Chlorotoluene	12.780	91	337301	50.841	ug/l	98
83) tert-Butylbenzene	12.999	119	343366	51.680	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	387456	51.907	ug/l	99
85) sec-Butylbenzene	13.176	105	492276	46.998	ug/l	100
86) p-Isopropyltoluene	13.292	119	405535	50.075	ug/l	99
87) 1,3-Dichlorobenzene	13.286	146	198186	50.218	ug/l	99
88) 1,4-Dichlorobenzene	13.365	146	192592	51.076	ug/l	99
89) n-Butylbenzene	13.621	91	378565	48.812	ug/l	100
90) Hexachloroethane	13.883	117	79651	50.957	ug/l	97
91) 1,2-Dichlorobenzene	13.657	146	174317	53.014	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	13371	54.120	ug/l	95
93) 1,2,4-Trichlorobenzene	14.926	180	100667	50.634	ug/l	99
94) Hexachlorobutadiene	15.029	225	62832	51.775	ug/l	99
95) Naphthalene	15.145	128	193181	56.420	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	86010	50.597	ug/l	100

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

