

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111124\
 Data File : VY020260.D
 Acq On : 11 Nov 2024 19:52
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/12/2024
 Supervised By :Semsettin Yesilyurt 11/12/2024

Quant Time: Nov 12 03:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	190149	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	367496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	329128	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	158229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	148935	62.757	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.520%	
35) Dibromofluoromethane	7.634	113	136723	58.516	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.040%	
50) Toluene-d8	10.109	98	533581	57.371	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.740%	
62) 4-Bromofluorobenzene	12.408	95	184472	61.065	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 122.140%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	73774	41.913	ug/l	99
3) Chloromethane	2.068	50	191865	65.807	ug/l	100
4) Vinyl Chloride	2.202	62	201922	64.513	ug/l	98
5) Bromomethane	2.598	94	156441	75.283	ug/l	99
6) Chloroethane	2.732	64	141536	70.068	ug/l	98
7) Trichlorofluoromethane	3.056	101	234865	61.425	ug/l	95
8) Diethyl Ether	3.452	74	64563	60.541	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.818	101	117627	54.847	ug/l	90
10) Methyl Iodide	4.007	142	125844	60.778	ug/l #	87
11) Tert butyl alcohol	4.903	59	35850	210.012	ug/l #	76
12) 1,1-Dichloroethene	3.793	96	113382	55.256	ug/l #	77
13) Acrolein	3.659	56	25127	118.245	ug/l	100
14) Allyl chloride	4.385	41	217817	58.836	ug/l #	90
15) Acrylonitrile	5.067	53	151838	312.782	ug/l	96
16) Acetone	3.885	43	122839	222.577	ug/l	88
17) Carbon Disulfide	4.104	76	362935	53.149	ug/l	99
18) Methyl Acetate	4.391	43	96871	74.810	ug/l #	88
19) Methyl tert-butyl Ether	5.122	73	334321	64.762	ug/l	99
20) Methylene Chloride	4.616	84	137640	55.517	ug/l #	85
21) trans-1,2-Dichloroethene	5.116	96	137268	59.317	ug/l	86
22) Diisopropyl ether	6.025	45	495315	64.473	ug/l #	93
23) Vinyl Acetate	5.964	43	1222843	282.836	ug/l #	90
24) 1,1-Dichloroethane	5.921	63	279349	62.796	ug/l	94
25) 2-Butanone	6.902	43	204751	273.688	ug/l #	83
26) 2,2-Dichloropropane	6.890	77	185768	50.190	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	169715	63.798	ug/l	86
28) Bromochloromethane	7.250	49	116417	55.889	ug/l #	71
29) Tetrahydrofuran	7.268	42	136132	315.309	ug/l #	83
30) Chloroform	7.421	83	285430	64.660	ug/l	96
31) Cyclohexane	7.707	56	220910	51.295	ug/l	89
32) 1,1,1-Trichloroethane	7.616	97	235223	61.033	ug/l	95
36) 1,1-Dichloropropene	7.835	75	192761	53.405	ug/l	95
37) Ethyl Acetate	6.988	43	94006	54.628	ug/l #	94
38) Carbon Tetrachloride	7.817	117	201398	55.488	ug/l	97
39) Methylcyclohexane	9.109	83	236271	51.577	ug/l #	87
40) Benzene	8.079	78	614046	58.285	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	49921	57.911	ug/l	90
42) 1,2-Dichloroethane	8.158	62	172120	59.023	ug/l	94
43) Isopropyl Acetate	8.201	43	191018	57.725	ug/l #	77
44) Trichloroethene	8.865	130	138860	56.869	ug/l	84
45) 1,2-Dichloropropane	9.140	63	150802	59.828	ug/l	98
46) Dibromomethane	9.231	93	81476	59.656	ug/l	89
47) Bromodichloromethane	9.426	83	217285	60.729	ug/l	99
48) Methyl methacrylate	9.225	41	89646	58.486	ug/l #	82
49) 1,4-Dioxane	9.243	88	16623	1182.191	ug/l #	84
51) 4-Methyl-2-Pentanone	9.999	43	525114	307.969	ug/l	89
52) Toluene	10.170	92	392046	60.369	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	182935	57.900	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	218129	57.842	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	106650	62.804	ug/l	94
56) Ethyl methacrylate	10.438	69	151503	62.196	ug/l #	74
57) 1,3-Dichloropropane	10.719	76	189746	61.017	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	359269	299.067	ug/l	93
59) 2-Hexanone	10.761	43	348085	284.751	ug/l	87
60) Dibromochloromethane	10.908	129	133945	61.880	ug/l	99
61) 1,2-Dibromoethane	11.018	107	95801	60.723	ug/l	97
64) Tetrachloroethene	10.646	164	138821	63.881	ug/l	94
65) Chlorobenzene	11.444	112	409354	58.371	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	135120	60.306	ug/l	99
67) Ethyl Benzene	11.517	91	760596	58.019	ug/l	99
68) m/p-Xylenes	11.627	106	556306	115.987	ug/l	90
69) o-Xylene	11.956	106	269319	59.309	ug/l	92
70) Styrene	11.969	104	463846	61.779	ug/l	96
71) Bromoform	12.133	173	71926	62.574	ug/l #	98
73) Isopropylbenzene	12.255	105	715827	56.631	ug/l	98
74) N-ethyl acetate	12.072	43	175938	55.682	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.505	83	125641	56.835	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	93116m	62.779	ug/l	
77) Bromobenzene	12.529	156	145525	56.927	ug/l	83
78) n-propylbenzene	12.597	91	876315	55.705	ug/l	96
79) 2-Chlorotoluene	12.682	91	500230	57.285	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	580905	57.244	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	36149	52.423	ug/l #	83
82) 4-Chlorotoluene	12.779	91	512265	57.535	ug/l	93
83) tert-Butylbenzene	12.999	119	509988	57.472	ug/l	94
84) 1,2,4-Trimethylbenzene	13.042	105	581164	57.820	ug/l	96
85) sec-Butylbenzene	13.176	105	766011	56.231	ug/l	97
86) p-Isopropyltoluene	13.291	119	619599	56.680	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	298269	57.435	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	291572	56.379	ug/l	96
89) n-Butylbenzene	13.621	91	597436	54.519	ug/l	98
90) Hexachloroethane	13.883	117	123107	56.944	ug/l	84
91) 1,2-Dichlorobenzene	13.657	146	261919	58.024	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	19251	57.422	ug/l	70
93) 1,2,4-Trichlorobenzene	14.925	180	128662	53.059	ug/l	98
94) Hexachlorobutadiene	15.023	225	68067	51.333	ug/l	97
95) Naphthalene	15.145	128	258101	56.940	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	109583	53.237	ug/l	98

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

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