

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110424\
 Data File : VY020133.D
 Acq On : 04 Nov 2024 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 05 00:26:51 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

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2024
 Supervised By :Mahesh Dadoda 11/05/2024

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	239824	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	426500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	366904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	164869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	153360	51.237	ug/l	0.01
Spiked Amount 50.000	Range 50	- 163	Recovery	=	102.480%	
35) Dibromofluoromethane	7.646	113	143919	53.074	ug/l	0.01
Spiked Amount 50.000	Range 54	- 147	Recovery	=	106.140%	
50) Toluene-d8	10.115	98	566240	52.460	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	104.920%	
62) 4-Bromofluorobenzene	12.408	95	180210	51.401	ug/l	0.00
Spiked Amount 50.000	Range 29	- 146	Recovery	=	102.800%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.873	85	103587	46.661	ug/l	99
3) Chloromethane	2.080	50	177923	48.385	ug/l	95
4) Vinyl Chloride	2.214	62	195665	49.565	ug/l	99
5) Bromomethane	2.610	94	126938	48.433	ug/l	100
6) Chloroethane	2.751	64	130486	51.218	ug/l	99
7) Trichlorofluoromethane	3.074	101	249851	51.809	ug/l	96
8) Diethyl Ether	3.464	74	72314	53.763	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.830	101	143353	52.998	ug/l	90
10) Methyl Iodide	4.019	142	155481	59.538	ug/l	91
11) Tert butyl alcohol	4.872	59	40572	188.445	ug/l #	79
12) 1,1-Dichloroethene	3.805	96	137923	53.293	ug/l #	79
13) Acrolein	3.665	56	49821	185.890	ug/l	98
14) Allyl chloride	4.397	41	261369	55.977	ug/l #	89
15) Acrylonitrile	5.073	53	161480	263.744	ug/l	96
16) Acetone	3.879	43	220782	317.182	ug/l #	83
17) Carbon Disulfide	4.116	76	464831	53.971	ug/l	99
18) Methyl Acetate	4.397	43	84886	51.976	ug/l #	89
19) Methyl tert-butyl Ether	5.134	73	356585	54.767	ug/l	98
20) Methylene Chloride	4.635	84	154767	49.495	ug/l #	88
21) trans-1,2-Dichloroethene	5.128	96	161881	55.463	ug/l	85
22) Diisopropyl ether	6.031	45	561258	57.924	ug/l	90
23) Vinyl Acetate	5.970	43	1534030	281.319	ug/l #	90
24) 1,1-Dichloroethane	5.933	63	314457	56.047	ug/l	95
25) 2-Butanone	6.902	43	264797	280.637	ug/l #	81
26) 2,2-Dichloropropane	6.896	77	265272	56.825	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	190780	56.862	ug/l	84
28) Bromochloromethane	7.256	49	131134	49.914	ug/l #	71
29) Tetrahydrofuran	7.274	42	142984	262.582	ug/l #	82
30) Chloroform	7.433	83	315263	56.625	ug/l	100
31) Cyclohexane	7.713	56	279867	51.524	ug/l	85
32) 1,1,1-Trichloroethane	7.628	97	274940	56.562	ug/l #	94
36) 1,1-Dichloropropene	7.847	75	234564	55.997	ug/l	94
37) Ethyl Acetate	6.994	43	103209	51.679	ug/l	95
38) Carbon Tetrachloride	7.829	117	236120	56.055	ug/l	99
39) Methylcyclohexane	9.115	83	289759	54.502	ug/l #	86
40) Benzene	8.091	78	689163	56.365	ug/l	99

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41) Methacrylonitrile	7.238	41	55932	55.908	ug/l #	87
42) 1,2-Dichloroethane	8.170	62	187481	55.396	ug/l	94
43) Isopropyl Acetate	8.207	43	207594	54.055	ug/l #	89
44) Trichloroethene	8.872	130	158887	56.069	ug/l	89
45) 1,2-Dichloropropane	9.152	63	164417	56.206	ug/l	99
46) Dibromomethane	9.237	93	86670	54.680	ug/l	90
47) Bromodichloromethane	9.432	83	237700	57.244	ug/l	99
48) Methyl methacrylate	9.225	41	97430	54.771	ug/l #	80
49) 1,4-Dioxane	9.237	88	16431	1006.876	ug/l #	84
51) 4-Methyl-2-Pentanone	10.006	43	538783	272.271	ug/l	89
52) Toluene	10.176	92	436348	57.895	ug/l	99
53) t-1,3-Dichloropropene	10.402	75	210639	57.446	ug/l	100
54) cis-1,3-Dichloropropene	9.859	75	250284	57.187	ug/l #	87
55) 1,1,2-Trichloroethane	10.579	97	109997	55.814	ug/l	96
56) Ethyl methacrylate	10.444	69	156303	55.290	ug/l #	72
57) 1,3-Dichloropropane	10.725	76	199090	55.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	349903	250.975	ug/l	92
59) 2-Hexanone	10.768	43	394976	278.410	ug/l	87
60) Dibromochloromethane	10.920	129	142899	56.883	ug/l	100
61) 1,2-Dibromoethane	11.018	107	98293	53.683	ug/l	99
64) Tetrachloroethene	10.652	164	136272	56.252	ug/l	94
65) Chlorobenzene	11.444	112	446949	57.170	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.524	131	146704	58.734	ug/l	99
67) Ethyl Benzene	11.524	91	844035	57.755	ug/l	100
68) m/p-Xylenes	11.633	106	625758	117.034	ug/l	92
69) o-Xylene	11.962	106	292878	57.857	ug/l	92
70) Styrene	11.975	104	491121	58.677	ug/l	96
71) Bromoform	12.139	173	72425	56.521	ug/l #	100
73) Isopropylbenzene	12.261	105	792059	60.138	ug/l	98
74) N-amyl acetate	12.072	43	181239	55.050	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	126709	55.010	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	87507m	56.621	ug/l	
77) Bromobenzene	12.536	156	157303	59.056	ug/l	84
78) n-propylbenzene	12.603	91	981539	59.881	ug/l	96
79) 2-Chlorotoluene	12.688	91	539573	59.302	ug/l	93
80) 1,3,5-Trimethylbenzene	12.743	105	632583	59.826	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	40805	56.792	ug/l #	83
82) 4-Chlorotoluene	12.779	91	550205	59.308	ug/l	96
83) tert-Butylbenzene	13.005	119	567461	61.374	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	628295	59.992	ug/l	96
85) sec-Butylbenzene	13.182	105	846976	59.671	ug/l	98
86) p-Isopropyltoluene	13.298	119	679327	59.641	ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	314510	58.123	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	304920	56.585	ug/l	97
89) n-Butylbenzene	13.621	91	669997	58.678	ug/l	97
90) Hexachloroethane	13.883	117	130422	57.897	ug/l	87
91) 1,2-Dichlorobenzene	13.663	146	268072	56.995	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17671	50.587	ug/l	75
93) 1,2,4-Trichlorobenzene	14.925	180	128346	50.797	ug/l	97
94) Hexachlorobutadiene	15.029	225	73830	53.437	ug/l	99
95) Naphthalene	15.151	128	225392	47.721	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	102487	47.784	ug/l	98

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

