

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110824\
 Data File : VY020221.D
 Acq On : 08 Nov 2024 09:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

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

Quant Time: Nov 08 22:13:46 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	282936	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	514187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	441792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	208354	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	170730	48.349	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.700%		
35) Dibromofluoromethane	7.634	113	158906	48.607	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.220%		
50) Toluene-d8	10.109	98	638676	49.080	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.160%		
62) 4-Bromofluorobenzene	12.408	95	212924	50.375	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	100.760%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	116471	44.470	ug/l	98
3) Chloromethane	2.074	50	214336	49.406	ug/l	100
4) Vinyl Chloride	2.208	62	255160	54.787	ug/l	98
5) Bromomethane	2.605	94	162705	52.620	ug/l	100
6) Chloroethane	2.739	64	169854	56.511	ug/l	100
7) Trichlorofluoromethane	3.062	101	329903	57.985	ug/l	99
8) Diethyl Ether	3.458	74	86447	54.478	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.824	101	180374	56.524	ug/l	91
10) Methyl Iodide	4.013	142	183569	59.582	ug/l #	89
11) Tert butyl alcohol	4.866	59	50365	198.285	ug/l #	80
12) 1,1-Dichloroethene	3.800	96	168614	55.225	ug/l #	83
13) Acrolein	3.659	56	48835	154.447	ug/l	96
14) Allyl chloride	4.391	41	307789	55.874	ug/l #	88
15) Acrylonitrile	5.068	53	188399	260.823	ug/l	98
16) Acetone	3.873	43	249780	304.163	ug/l #	83
17) Carbon Disulfide	4.110	76	537751	52.924	ug/l	99
18) Methyl Acetate	4.391	43	97476	50.590	ug/l	89
19) Methyl tert-butyl Ether	5.122	73	427110	55.604	ug/l	96
20) Methylene Chloride	4.623	84	178286	48.329	ug/l #	81
21) trans-1,2-Dichloroethene	5.116	96	192870	56.012	ug/l	86
22) Diisopropyl ether	6.025	45	647348	56.629	ug/l #	91
23) Vinyl Acetate	5.964	43	1765733	274.470	ug/l #	92
24) 1,1-Dichloroethane	5.921	63	377275	56.997	ug/l	95
25) 2-Butanone	6.897	43	303075	272.262	ug/l #	84
26) 2,2-Dichloropropane	6.890	77	324975	59.007	ug/l	95
27) cis-1,2-Dichloroethene	6.897	96	226405	57.198	ug/l	83
28) Bromochloromethane	7.250	49	156176	50.388	ug/l #	72
29) Tetrahydrofuran	7.268	42	162798	253.415	ug/l #	83
30) Chloroform	7.427	83	381684	58.109	ug/l	100
31) Cyclohexane	7.707	56	335257	52.317	ug/l	90
32) 1,1,1-Trichloroethane	7.622	97	340279	59.337	ug/l	94
36) 1,1-Dichloropropene	7.841	75	283342	56.106	ug/l	95
37) Ethyl Acetate	6.988	43	115117	47.811	ug/l	96
38) Carbon Tetrachloride	7.823	117	299317	58.940	ug/l	100
39) Methylcyclohexane	9.110	83	363997	56.790	ug/l #	87
40) Benzene	8.085	78	826704	56.084	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.226	41	62552	51.862	ug/l	88
42) 1,2-Dichloroethane	8.165	62	222099	54.434	ug/l	94
43) Isopropyl Acetate	8.201	43	235938	50.958	ug/l #	90
44) Trichloroethene	8.872	130	193232	56.560	ug/l	92
45) 1,2-Dichloropropane	9.146	63	197811	56.090	ug/l	98
46) Dibromomethane	9.232	93	103267	54.040	ug/l #	88
47) Bromodichloromethane	9.427	83	286338	57.198	ug/l	98
48) Methyl methacrylate	9.225	41	112574	52.492	ug/l	83
49) 1,4-Dioxane	9.232	88	19760	1004.377	ug/l #	89
51) 4-Methyl-2-Pentanone	10.000	43	623100	261.182	ug/l	89
52) Toluene	10.176	92	529578	58.283	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	247078	55.892	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	294424	55.800	ug/l #	82
55) 1,1,2-Trichloroethane	10.573	97	131342	55.280	ug/l	93
56) Ethyl methacrylate	10.439	69	187637	55.055	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	234009	53.782	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	417275	248.258	ug/l	95
59) 2-Hexanone	10.762	43	460134	269.027	ug/l	88
60) Dibromochloromethane	10.914	129	171955	56.776	ug/l	99
61) 1,2-Dibromoethane	11.018	107	118958	53.890	ug/l	98
64) Tetrachloroethene	10.646	164	170641	58.499	ug/l	92
65) Chlorobenzene	11.445	112	542227	57.601	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	176613	58.723	ug/l	99
67) Ethyl Benzene	11.524	91	1038130	58.995	ug/l	99
68) m/p-Xylenes	11.634	106	759082	117.904	ug/l	92
69) o-Xylene	11.957	106	356915	58.555	ug/l	91
70) Styrene	11.975	104	605480	60.078	ug/l	96
71) Bromoform	12.133	173	88914	57.627	ug/l #	97
73) Isopropylbenzene	12.255	105	983635	59.097	ug/l	98
74) N-ethyl acetate	12.072	43	222149	53.393	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	151184	51.937	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	97158m	49.746	ug/l	
77) Bromobenzene	12.536	156	189041	56.159	ug/l	84
78) n-propylbenzene	12.597	91	1218810	58.837	ug/l	97
79) 2-Chlorotoluene	12.682	91	670186	58.284	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	793961	59.417	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	49218	54.204	ug/l #	84
82) 4-Chlorotoluene	12.780	91	681965	58.168	ug/l	95
83) tert-Butylbenzene	12.999	119	698165	59.751	ug/l	93
84) 1,2,4-Trimethylbenzene	13.048	105	788302	59.560	ug/l	96
85) sec-Butylbenzene	13.176	105	1067550	59.513	ug/l	98
86) p-Isopropyltoluene	13.298	119	862934	59.949	ug/l	95
87) 1,3-Dichlorobenzene	13.292	146	390996	57.177	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	381333	55.996	ug/l	96
89) n-Butylbenzene	13.621	91	874275	60.589	ug/l	97
90) Hexachloroethane	13.883	117	168884	59.325	ug/l	84
91) 1,2-Dichlorobenzene	13.664	146	340686	57.316	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	22359	50.648	ug/l	75
93) 1,2,4-Trichlorobenzene	14.926	180	181764	56.924	ug/l	97
94) Hexachlorobutadiene	15.029	225	104158	59.654	ug/l	98
95) Naphthalene	15.151	128	335392	56.191	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	149150	55.027	ug/l	98

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

