

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110222\
 Data File : VY011274.D
 Acq On : 02 Nov 2022 19:36
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/03/2022
 Supervised By :Mahesh Dadoda 11/03/2022

Quant Time: Nov 03 05:20:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	229422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	341133	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	171775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	122053	49.743	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.480%		
35) Dibromofluoromethane	7.716	113	125285	53.012	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.020%		
50) Toluene-d8	10.179	98	468512	51.060	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.120%		
62) 4-Bromofluorobenzene	12.477	95	169073	53.076	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	106.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	85036	46.589	ug/l	100
3) Chloromethane	2.113	50	114232	44.903	ug/l	96
4) Vinyl Chloride	2.247	62	129467	45.559	ug/l	99
5) Bromomethane	2.643	94	92027	48.541	ug/l	97
6) Chloroethane	2.790	64	87354	47.838	ug/l	99
7) Trichlorofluoromethane	3.119	101	202925	48.336	ug/l	94
8) Diethyl Ether	3.521	74	77343	51.342	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.893	101	126306	50.040	ug/l	94
10) Methyl Iodide	4.088	142	160079	49.268	ug/l	91
11) Tert butyl alcohol	4.942	59	69056	276.021	ug/l	98
12) 1,1-Dichloroethene	3.869	96	122826	49.218	ug/l	83
13) Acrolein	3.729	56	25389	189.165	ug/l	100
14) Allyl chloride	4.472	41	186957	49.458	ug/l #	84
15) Acrylonitrile	5.155	53	198170	262.163	ug/l	97
16) Acetone	3.942	43	140149	189.219	ug/l #	85
17) Carbon Disulfide	4.192	76	390348	47.623	ug/l	99
18) Methyl Acetate	4.472	43	94276	48.078	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	352279	53.122	ug/l	95
20) Methylene Chloride	4.710	84	186606	62.902	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	145088	51.116	ug/l	86
22) Diisopropyl ether	6.118	45	414323	52.865	ug/l #	88
23) Vinyl Acetate	6.051	43	1287651	269.178	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	252043	51.352	ug/l	99
25) 2-Butanone	6.984	43	238522	228.874	ug/l #	81
26) 2,2-Dichloropropane	6.978	77	210377	46.876	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	165924	53.052	ug/l	87
28) Bromochloromethane	7.332	49	98586	52.292	ug/l #	83
29) Tetrahydrofuran	7.338	42	159033	262.127	ug/l #	82
30) Chloroform	7.502	83	261085	52.669	ug/l	99
31) Cyclohexane	7.783	56	217901	47.913	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	224372	51.031	ug/l	95
36) 1,1-Dichloropropene	7.917	75	198383	51.402	ug/l	97
37) Ethyl Acetate	7.069	43	106259	51.074	ug/l #	91
38) Carbon Tetrachloride	7.899	117	206438	51.558	ug/l	99
39) Methylcyclohexane	9.179	83	244045	51.977	ug/l	92
40) Benzene	8.155	78	589586	51.979	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	50919m	45.042	ug/l	
42) 1,2-Dichloroethane	8.234	62	161446	52.415	ug/l	90
43) Isopropyl Acetate	8.270	43	189079	51.583	ug/l #	87
44) Trichloroethene	8.935	130	158709	52.283	ug/l	97
45) 1,2-Dichloropropane	9.215	63	147875	52.733	ug/l	95
46) Dibromomethane	9.301	93	84339	53.230	ug/l	97
47) Bromodichloromethane	9.496	83	201111	53.545	ug/l	99
48) Methyl methacrylate	9.289	41	89913	53.404	ug/l #	76
49) 1,4-Dioxane	9.295	88	23680	1110.943	ug/l #	88
51) 4-Methyl-2-Pentanone	10.069	43	531204	266.527	ug/l #	86
52) Toluene	10.240	92	375498	53.389	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	209626	52.995	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	239535	52.923	ug/l #	81
55) 1,1,2-Trichloroethane	10.642	97	122667	54.019	ug/l	98
56) Ethyl methacrylate	10.508	69	166261	55.429	ug/l #	74
57) 1,3-Dichloropropane	10.788	76	206713	53.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	368323	261.928	ug/l	95
59) 2-Hexanone	10.831	43	366228	257.382	ug/l	82
60) Dibromochloromethane	10.983	129	147196	54.557	ug/l	99
61) 1,2-Dibromoethane	11.087	107	116989	54.265	ug/l	99
64) Tetrachloroethene	10.715	164	157359	54.305	ug/l	96
65) Chlorobenzene	11.514	112	398415	52.937	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	150554	54.329	ug/l	98
67) Ethyl Benzene	11.593	91	717023	53.708	ug/l	97
68) m/p-Xylenes	11.697	106	560421	108.141	ug/l	94
69) o-Xylene	12.026	106	267393	55.044	ug/l	94
70) Styrene	12.044	104	458384	55.662	ug/l	95
71) Bromoform	12.203	173	93549	54.314	ug/l #	99
73) Isopropylbenzene	12.325	105	696431	54.226	ug/l	100
74) N-amyl acetate	12.142	43	167162	51.851	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.581	83	139917	52.647	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	101018m	48.306	ug/l	
77) Bromobenzene	12.605	156	162873	53.914	ug/l	98
78) n-propylbenzene	12.666	91	843334	53.663	ug/l	99
79) 2-Chlorotoluene	12.751	91	477149	52.991	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	590549	54.339	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	49962	51.131	ug/l #	83
82) 4-Chlorotoluene	12.849	91	492459	53.071	ug/l	98
83) tert-Butylbenzene	13.074	119	510140	54.477	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	587826	54.689	ug/l	99
85) sec-Butylbenzene	13.251	105	750619	54.064	ug/l	100
86) p-Isopropyltoluene	13.367	119	631027	54.529	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	322300	53.206	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	317934	52.332	ug/l	99
89) n-Butylbenzene	13.696	91	576295	53.330	ug/l	98
90) Hexachloroethane	13.958	117	121007	52.285	ug/l	91
91) 1,2-Dichlorobenzene	13.733	146	288785	53.372	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22516	49.456	ug/l	78
93) 1,2,4-Trichlorobenzene	15.001	180	173897	53.174	ug/l	99
94) Hexachlorobutadiene	15.111	225	99876	52.450	ug/l	99
95) Naphthalene	15.233	128	367305	48.191	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	152760	53.152	ug/l	98

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

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