

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091422\
 Data File : VY010498.D
 Acq On : 14 Sep 2022 20:40
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/15/2022
 Supervised By :Mahesh Dadoda 09/15/2022

Quant Time: Sep 15 01:12:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	222563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	353789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	322671	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	168793	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	114743	51.189	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.380%			
35) Dibromofluoromethane	7.710	113	113055	44.995	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 89.980%			
50) Toluene-d8	10.173	98	404057	49.618	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.240%			
62) 4-Bromofluorobenzene	12.477	95	149387	45.759	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	75454	50.161	ug/l	100
3) Chloromethane	2.107	50	117891	47.147	ug/l	96
4) Vinyl Chloride	2.241	62	150770	48.874	ug/l	99
5) Bromomethane	2.637	94	101521	46.974	ug/l	98
6) Chloroethane	2.784	64	103344	50.084	ug/l	98
7) Trichlorofluoromethane	3.113	101	193136	49.425	ug/l	98
8) Diethyl Ether	3.521	74	66926	52.882	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.887	101	115328	50.408	ug/l	95
10) Methyl Iodide	4.082	142	141346	49.925	ug/l	91
11) Tert butyl alcohol	4.948	59	64952	275.646	ug/l	96
12) 1,1-Dichloroethene	3.863	96	103646	48.290	ug/l	84
13) Acrolein	3.723	56	50029	233.947	ug/l	98
14) Allyl chloride	4.466	41	155296	50.245	ug/l #	94
15) Acrylonitrile	5.149	53	177707	290.068	ug/l	98
16) Acetone	3.936	43	135150	262.724	ug/l	91
17) Carbon Disulfide	4.186	76	253151	43.615	ug/l	99
18) Methyl Acetate	4.466	43	85232	53.857	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	324230	54.701	ug/l	98
20) Methylene Chloride	4.704	84	153445	63.445	ug/l #	83
21) trans-1,2-Dichloroethene	5.204	96	118259	48.526	ug/l	88
22) Diisopropyl ether	6.112	45	372017	53.914	ug/l #	92
23) Vinyl Acetate	6.052	43	1186521	280.597	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	218971	52.418	ug/l	99
25) 2-Butanone	6.978	43	227458	278.228	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	188304	47.239	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	145503	51.364	ug/l	87
28) Bromochloromethane	7.326	49	72745	54.314	ug/l #	81
29) Tetrahydrofuran	7.338	42	146841	287.793	ug/l #	83
30) Chloroform	7.502	83	236486	53.370	ug/l	100
31) Cyclohexane	7.777	56	175513	46.348	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	209530	52.222	ug/l	96
36) 1,1-Dichloropropene	7.911	75	166998	48.549	ug/l	97
37) Ethyl Acetate	7.070	43	102177	56.505	ug/l #	93
38) Carbon Tetrachloride	7.893	117	188211	49.181	ug/l	98
39) Methylcyclohexane	9.179	83	202524	47.219	ug/l	89
40) Benzene	8.155	78	496273	50.118	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	53055m	51.323	ug/l	
42) 1,2-Dichloroethane	8.234	62	154135	52.345	ug/l	92
43) Isopropyl Acetate	8.271	43	183706	55.512	ug/l #	91
44) Trichloroethene	8.935	130	140793	48.303	ug/l	99
45) 1,2-Dichloropropane	9.209	63	126454	52.362	ug/l	93
46) Dibromomethane	9.301	93	75987	52.176	ug/l	97
47) Bromodichloromethane	9.490	83	184478	53.330	ug/l	100
48) Methyl methacrylate	9.289	41	83595	56.245	ug/l #	85
49) 1,4-Dioxane	9.295	88	22461	1165.083	ug/l #	80
51) 4-Methyl-2-Pentanone	10.069	43	522160	287.663	ug/l	89
52) Toluene	10.240	92	324167	50.027	ug/l	95
53) t-1,3-Dichloropropene	10.459	75	185810	52.195	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	206953	51.542	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	111186	53.671	ug/l	97
56) Ethyl methacrylate	10.508	69	149820	55.067	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	184062	53.434	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	165064	217.458	ug/l	93
59) 2-Hexanone	10.831	43	362774	293.191	ug/l	87
60) Dibromochloromethane	10.984	129	135028	53.337	ug/l	100
61) 1,2-Dibromoethane	11.087	107	105896	52.658	ug/l	99
64) Tetrachloroethene	10.715	164	137492	47.275	ug/l	98
65) Chlorobenzene	11.514	112	357550	49.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	137704	51.524	ug/l	99
67) Ethyl Benzene	11.587	91	634632	49.692	ug/l	99
68) m/p-Xylenes	11.697	106	491738	98.075	ug/l	94
69) o-Xylene	12.026	106	238545	49.826	ug/l	93
70) Styrene	12.038	104	406736	50.196	ug/l	96
71) Bromoform	12.203	173	88351	52.876	ug/l #	99
73) Isopropylbenzene	12.325	105	639215	48.536	ug/l	100
74) N-amyl acetate	12.142	43	166209	54.090	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.581	83	130796	53.092	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	92801m	49.815	ug/l	
77) Bromobenzene	12.605	156	150287	48.158	ug/l	95
78) n-propylbenzene	12.666	91	756012	48.477	ug/l	98
79) 2-Chlorotoluene	12.752	91	430569	49.150	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	538481	48.459	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	43038	51.296	ug/l	89
82) 4-Chlorotoluene	12.849	91	439539	48.229	ug/l	97
83) tert-Butylbenzene	13.075	119	484988	49.935	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	535961	49.294	ug/l	98
85) sec-Butylbenzene	13.251	105	701648	48.788	ug/l	99
86) p-Isopropyltoluene	13.367	119	592943	48.742	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	298993	47.713	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	295265	47.583	ug/l	99
89) n-Butylbenzene	13.696	91	542366	49.118	ug/l	98
90) Hexachloroethane	13.959	117	109638	48.003	ug/l	92
91) 1,2-Dichlorobenzene	13.733	146	271417	48.902	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22915	55.106	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	169328	49.121	ug/l	99
94) Hexachlorobutadiene	15.111	225	99302	47.743	ug/l	99
95) Naphthalene	15.233	128	370093	54.432	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	149595	49.713	ug/l	98

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

