

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008653.D
 Acq On : 05 May 2022 08:18
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 05 09:04:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/05/2022
 Supervised By : Mahesh Dadoda 05/05/2022

Spiked By : Mahesh
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 05/05/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	72705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	128608	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	124224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	66297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	49852	70.548	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 141.100%	
35) Dibromofluoromethane	7.716	113	47763	56.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.260%	
50) Toluene-d8	10.179	98	177763	58.961	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 117.920%	
62) 4-Bromofluorobenzene	12.483	95	63045	57.052	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.100%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	34749	47.688	ug/l	93
3) Chloromethane	2.113	50	108438	128.028	ug/l	97
4) Vinyl Chloride	2.253	62	93167	91.490	ug/l	97
5) Bromomethane	2.650	94	46056	62.095	ug/l	95
6) Chloroethane	2.796	64	65183	99.880	ug/l	99
7) Trichlorofluoromethane	3.125	101	81088	58.874	ug/l	93
8) Diethyl Ether	3.527	74	26729	60.596	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.899	101	45285	55.930	ug/l	95
10) Methyl Iodide	4.088	142	45647	45.476	ug/l	92
11) Tert butyl alcohol	4.948	59	16675	227.987	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	44906	58.858	ug/l	82
13) Acrolein	3.729	56	22113	231.596	ug/l	98
14) Allyl chloride	4.478	41	60640	66.389	ug/l #	88
15) Acrylonitrile	5.161	53	58300	289.894	ug/l	98
16) Acetone	3.948	43	38194	250.856	ug/l #	87
17) Carbon Disulfide	4.192	76	138109	63.664	ug/l	99
18) Methyl Acetate	4.478	43	26276	60.940	ug/l #	85
19) Methyl tert-butyl Ether	5.216	73	133240	63.332	ug/l	93
20) Methylene Chloride	4.716	84	60181	68.767	ug/l #	80
21) trans-1,2-Dichloroethene	5.216	96	54616	63.015	ug/l	83
22) Diisopropyl ether	6.118	45	145880	69.181	ug/l #	94
23) Vinyl Acetate	6.057	43	486995	353.653	ug/l #	89
24) 1,1-Dichloroethane	6.015	63	91006	68.467	ug/l	99
25) 2-Butanone	6.984	43	67938	277.987	ug/l #	78
26) 2,2-Dichloropropane	6.978	77	70170	55.119	ug/l	94
27) cis-1,2-Dichloroethene	6.984	96	60931	61.428	ug/l	85
28) Bromochloromethane	7.332	49	34458	67.799	ug/l #	80
29) Tetrahydrofuran	7.350	42	48946	301.962	ug/l #	79
30) Chloroform	7.508	83	96990	65.124	ug/l	100
31) Cyclohexane	7.783	56	74954	61.453	ug/l	88
32) 1,1,1-Trichloroethane	7.703	97	85611	62.668	ug/l	97
36) 1,1-Dichloropropene	7.917	75	73833	55.794	ug/l	98
37) Ethyl Acetate	7.069	43	38090	56.128	ug/l	97
38) Carbon Tetrachloride	7.899	117	72589	48.082	ug/l	97
39) Methylcyclohexane	9.185	83	90612	51.908	ug/l	87
40) Benzene	8.161	78	220609	57.716	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	17697	59.441	ug/l #	1
42) 1,2-Dichloroethane	8.234	62	64127	57.964	ug/l	92
43) Isopropyl Acetate	8.270	43	73128	59.225	ug/l #	89
44) Trichloroethene	8.941	130	58046	48.412	ug/l	98
45) 1,2-Dichloropropane	9.215	63	52924	59.351	ug/l	94
46) Dibromomethane	9.307	93	33897	54.454	ug/l	94
47) Bromodichloromethane	9.496	83	78410	57.810	ug/l	99
48) Methyl methacrylate	9.295	41	32718	60.283	ug/l #	85
49) 1,4-Dioxane	9.301	88	6902	874.471	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	193531	298.615	ug/l	88
52) Toluene	10.246	92	148736	58.218	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	78367	54.654	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86157	54.084	ug/l #	84
55) 1,1,2-Trichloroethane	10.642	97	45642	52.618	ug/l	95
56) Ethyl methacrylate	10.508	69	62127	56.697	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	77028	55.627	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	146634	263.654	ug/l	93
59) 2-Hexanone	10.831	43	132827	300.950	ug/l	86
60) Dibromochloromethane	10.983	129	56214	51.808	ug/l	99
61) 1,2-Dibromoethane	11.087	107	45365	51.675	ug/l	100
64) Tetrachloroethene	10.721	164	49300	43.504	ug/l	96
65) Chlorobenzene	11.514	112	157689	52.699	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	59055	52.276	ug/l	97
67) Ethyl Benzene	11.593	91	285561	56.726	ug/l	98
68) m/p-Xylenes	11.703	106	234403	113.985	ug/l	92
69) o-Xylene	12.032	106	110119	55.874	ug/l	93
70) Styrene	12.044	104	193699	59.122	ug/l	93
71) Bromoform	12.209	173	36861	49.084	ug/l #	99
73) Isopropylbenzene	12.331	105	285448	55.191	ug/l	100
74) N-amyl acetate	12.142	43	72364	62.609	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	59497	56.847	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	42370m	59.870	ug/l	
77) Bromobenzene	12.611	156	64965	47.607	ug/l	94
78) n-propylbenzene	12.672	91	347758	57.781	ug/l	99
79) 2-Chlorotoluene	12.757	91	189073	55.797	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	239697	56.094	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	18239	52.251	ug/l #	84
82) 4-Chlorotoluene	12.855	91	203484	58.294	ug/l	97
83) tert-Butylbenzene	13.074	119	209382	54.707	ug/l	93
84) 1,2,4-Trimethylbenzene	13.123	105	246067	57.936	ug/l	97
85) sec-Butylbenzene	13.257	105	320670	56.851	ug/l	100
86) p-Isopropyltoluene	13.373	119	272467	56.897	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	139476	52.848	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	135337	51.988	ug/l	98
89) n-Butylbenzene	13.696	91	244064	57.861	ug/l	100
90) Hexachloroethane	13.965	117	47372	53.413	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	121045	51.395	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8680	54.494	ug/l	78
93) 1,2,4-Trichlorobenzene	15.007	180	63012	41.929	ug/l	99
94) Hexachlorobutadiene	15.111	225	30876	36.380	ug/l	99
95) Naphthalene	15.239	128	147339	48.891	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	57365	43.007	ug/l	98

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

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

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