

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090822\
 Data File : VY010408.D
 Acq On : 08 Sep 2022 20:05
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 09 06:27:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	283063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	443790	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	403416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	205124	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	138096	47.578	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.160%		
35) Dibromofluoromethane	7.710	113	137869	46.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.340%		
50) Toluene-d8	10.179	98	509911	51.551	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.100%		
62) 4-Bromofluorobenzene	12.477	95	178781	44.428	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	96693	42.791	ug/l	98
3) Chloromethane	2.107	50	144688	46.896	ug/l	97
4) Vinyl Chloride	2.241	62	180293	53.634	ug/l	97
5) Bromomethane	2.644	94	127847	69.913	ug/l	97
6) Chloroethane	2.784	64	123637	60.127	ug/l	99
7) Trichlorofluoromethane	3.113	101	233083	49.467	ug/l	95
8) Diethyl Ether	3.521	74	78995	46.918	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	135570	46.586	ug/l	96
10) Methyl Iodide	4.082	142	173742	49.627	ug/l	91
11) Tert butyl alcohol	4.948	59	71599	206.195	ug/l #	95
12) 1,1-Dichloroethene	3.863	96	128843	45.724	ug/l	85
13) Acrolein	3.723	56	68262	185.702	ug/l	99
14) Allyl chloride	4.466	41	183773	37.054	ug/l #	93
15) Acrylonitrile	5.155	53	198324	226.060	ug/l	99
16) Acetone	3.942	43	150686	207.675	ug/l #	88
17) Carbon Disulfide	4.186	76	344096	40.090	ug/l	100
18) Methyl Acetate	4.473	43	94604	42.013	ug/l #	85
19) Methyl tert-butyl Ether	5.210	73	372065	45.166	ug/l	95
20) Methylene Chloride	4.704	84	161083	46.004	ug/l #	80
21) trans-1,2-Dichloroethene	5.210	96	146704	45.943	ug/l	84
22) Diisopropyl ether	6.112	45	409997	40.675	ug/l #	93
23) Vinyl Acetate	6.052	43	1341652	212.288	ug/l #	91
24) 1,1-Dichloroethane	6.009	63	253123	43.592	ug/l	98
25) 2-Butanone	6.978	43	253177	212.612	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	217133	41.055	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	174378	47.785	ug/l	85
28) Bromochloromethane	7.326	49	89865	44.376	ug/l #	74
29) Tetrahydrofuran	7.344	42	162417	212.899	ug/l #	80
30) Chloroform	7.496	83	275646	48.205	ug/l	100
31) Cyclohexane	7.777	56	213005	37.620	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	250222	48.024	ug/l	96
36) 1,1-Dichloropropene	7.911	75	201135	46.401	ug/l	96
37) Ethyl Acetate	7.070	43	114913	46.238	ug/l #	94
38) Carbon Tetrachloride	7.893	117	228802	51.216	ug/l	98
39) Methylcyclohexane	9.179	83	249380	44.562	ug/l	87
40) Benzene	8.155	78	583588	47.009	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	58624m	41.841	ug/l	
42) 1,2-Dichloroethane	8.234	62	176092	48.921	ug/l	92
43) Isopropyl Acetate	8.271	43	205880	43.458	ug/l #	90
44) Trichloroethene	8.935	130	173879	51.019	ug/l	99
45) 1,2-Dichloropropane	9.210	63	143067	45.233	ug/l	96
46) Dibromomethane	9.301	93	89416	51.471	ug/l	96
47) Bromodichloromethane	9.490	83	211773	49.570	ug/l	99
48) Methyl methacrylate	9.289	41	93873	42.480	ug/l #	83
49) 1,4-Dioxane	9.295	88	26919	1126.145	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	579348	237.034	ug/l	89
52) Toluene	10.240	92	381106	47.990	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	213915	46.424	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	238774	45.956	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	125720	50.980	ug/l	98
56) Ethyl methacrylate	10.508	69	170842	46.891	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	211147	49.123	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	200518	200.085	ug/l	91
59) 2-Hexanone	10.831	43	400204	236.129	ug/l	86
60) Dibromochloromethane	10.984	129	158234	53.249	ug/l	99
61) 1,2-Dibromoethane	11.087	107	123423	51.790	ug/l	99
64) Tetrachloroethene	10.715	164	171735	52.199	ug/l	98
65) Chlorobenzene	11.514	112	423220	49.232	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	162158	51.371	ug/l	98
67) Ethyl Benzene	11.587	91	742154	47.145	ug/l	97
68) m/p-Xylenes	11.697	106	586936	97.603	ug/l	93
69) o-Xylene	12.026	106	280392	48.024	ug/l	93
70) Styrene	12.044	104	477473	49.093	ug/l	95
71) Bromoform	12.209	173	103623	53.105	ug/l #	99
73) Isopropylbenzene	12.325	105	742898	45.395	ug/l	99
74) N-amyl acetate	12.142	43	185973	41.190	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	144225	45.857	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	107045m	43.852	ug/l	
77) Bromobenzene	12.605	156	179638	48.252	ug/l	92
78) n-propylbenzene	12.666	91	872869	44.432	ug/l	97
79) 2-Chlorotoluene	12.752	91	492685	44.372	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	624649	45.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	48759	41.669	ug/l	90
82) 4-Chlorotoluene	12.855	91	512518	44.828	ug/l	97
83) tert-Butylbenzene	13.075	119	556757	46.738	ug/l	93
84) 1,2,4-Trimethylbenzene	13.117	105	617653	45.872	ug/l	98
85) sec-Butylbenzene	13.251	105	808227	45.879	ug/l	98
86) p-Isopropyltoluene	13.367	119	686060	47.147	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	353045	48.839	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	351651	48.928	ug/l	97
89) n-Butylbenzene	13.696	91	613589	44.606	ug/l	98
90) Hexachloroethane	13.959	117	128858	46.133	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	316469	49.121	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25213	45.494	ug/l	75
93) 1,2,4-Trichlorobenzene	15.007	180	194067	48.665	ug/l	99
94) Hexachlorobutadiene	15.111	225	117431	50.242	ug/l	99
95) Naphthalene	15.233	128	412767	49.885	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	169409	50.159	ug/l	99

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

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