

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070822\
 Data File : VY009477.D
 Acq On : 08 Jul 2022 10:28
 Operator : KP/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 :Krupa Patel 07/11/2022
 Supervised By :Mahesh Dadoda 07/11/2022

Quant Time: Jul 11 02:13:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	196026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	312980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	292223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	145350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63506	45.394	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.780%		
35) Dibromofluoromethane	7.709	113	71594	43.474	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	86.940%		
50) Toluene-d8	10.178	98	207693	45.223	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	90.440%		
62) 4-Bromofluorobenzene	12.477	95	112119	48.231	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	96.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.899	85	74746	49.723	ug/l	99
3) Chloromethane	2.107	50	86389	51.461	ug/l	99
4) Vinyl Chloride	2.247	62	98236	51.398	ug/l	97
5) Bromomethane	2.637	94	62519	45.531	ug/l	98
6) Chloroethane	2.783	64	52852	47.363	ug/l	96
7) Trichlorofluoromethane	3.119	101	127776	50.073	ug/l	94
8) Diethyl Ether	3.521	74	38907	39.852	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.893	101	85500	49.452	ug/l	95
10) Methyl Iodide	4.082	142	113603	48.991	ug/l	89
11) Tert butyl alcohol	4.942	59	52121	200.709	ug/l	96
12) 1,1-Dichloroethene	3.862	96	82866	51.675	ug/l	84
13) Acrolein	3.716	56	39436	253.783	ug/l	99
14) Allyl chloride	4.472	41	149067	54.028	ug/l	93
15) Acrylonitrile	5.155	53	146173	272.108	ug/l	98
16) Acetone	3.942	43	122642	257.185	ug/l	93
17) Carbon Disulfide	4.186	76	258585	48.655	ug/l	99
18) Methyl Acetate	4.472	43	71445	51.028	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	252604	52.045	ug/l	99
20) Methylene Chloride	4.704	84	98202	42.814	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	99727	53.075	ug/l	90
22) Diisopropyl ether	6.112	45	325015	55.409	ug/l	92
23) Vinyl Acetate	6.051	43	1097406	269.257	ug/l #	95
24) 1,1-Dichloroethane	6.008	63	173974	52.594	ug/l	99
25) 2-Butanone	6.978	43	203740	264.113	ug/l #	91
26) 2,2-Dichloropropane	6.972	77	154412	47.363	ug/l	95
27) cis-1,2-Dichloroethene	6.978	96	114386	51.709	ug/l	89
28) Bromochloromethane	7.325	49	74153	53.336	ug/l #	89
29) Tetrahydrofuran	7.337	42	134757	270.083	ug/l	91
30) Chloroform	7.502	83	179573	49.602	ug/l	97
31) Cyclohexane	7.776	56	165298	51.398	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	159169	49.868	ug/l	97
36) 1,1-Dichloropropene	7.911	75	140005	52.220	ug/l	97
37) Ethyl Acetate	7.069	43	89290	53.130	ug/l	95
38) Carbon Tetrachloride	7.892	117	144145	50.271	ug/l	99
39) Methylcyclohexane	9.179	83	177555	55.171	ug/l	92
40) Benzene	8.154	78	409007	51.952	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	54960m	62.980	ug/l	
42) 1,2-Dichloroethane	8.234	62	118302	50.052	ug/l	93
43) Isopropyl Acetate	8.270	43	165329	52.725	ug/l #	94
44) Trichloroethene	8.935	130	114146	51.324	ug/l	100
45) 1,2-Dichloropropane	9.209	63	104041	52.219	ug/l	99
46) Dibromomethane	9.301	93	61813	52.859	ug/l	98
47) Bromodichloromethane	9.489	83	138951	49.923	ug/l	97
48) Methyl methacrylate	9.288	41	76278	56.460	ug/l	90
49) 1,4-Dioxane	9.294	88	18393	1068.051	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	441632	267.811	ug/l	93
52) Toluene	10.239	92	263501	52.523	ug/l	96
53) t-1,3-Dichloropropene	10.459	75	151795	51.752	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	168209	51.431	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	85371	50.606	ug/l	99
56) Ethyl methacrylate	10.508	69	121137	54.086	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	143877	51.735	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	298947	273.231	ug/l	96
59) 2-Hexanone	10.831	43	316099	276.630	ug/l	91
60) Dibromochloromethane	10.983	129	108190	52.959	ug/l	99
61) 1,2-Dibromoethane	11.087	107	83286	51.498	ug/l	100
64) Tetrachloroethene	10.715	164	123221	50.433	ug/l	96
65) Chlorobenzene	11.514	112	287241	50.049	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	106818	49.478	ug/l	96
67) Ethyl Benzene	11.587	91	516346	51.534	ug/l	97
68) m/p-Xylenes	11.696	106	402338	102.962	ug/l	93
69) o-Xylene	12.026	106	189976	50.720	ug/l	92
70) Styrene	12.038	104	325589	52.043	ug/l	95
71) Bromoform	12.202	173	72757	52.876	ug/l #	98
73) Isopropylbenzene	12.324	105	514017	51.710	ug/l	99
74) N-amyl acetate	12.141	43	146249	51.710	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	103997	52.251	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	75759m	49.238	ug/l	
77) Bromobenzene	12.605	156	122410	50.583	ug/l	95
78) n-propylbenzene	12.672	91	619339	51.571	ug/l	97
79) 2-Chlorotoluene	12.751	91	347532	51.689	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	433045	52.118	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	39297	52.271	ug/l	87
82) 4-Chlorotoluene	12.849	91	360693	51.190	ug/l	97
83) tert-Butylbenzene	13.074	119	381524	51.612	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	423131	51.163	ug/l	98
85) sec-Butylbenzene	13.251	105	566367	52.023	ug/l	98
86) p-Isopropyltoluene	13.367	119	468046	51.577	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	240475	50.342	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	242069	50.069	ug/l	98
89) n-Butylbenzene	13.696	91	442058	52.166	ug/l	99
90) Hexachloroethane	13.958	117	90017	50.556	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	220907	50.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.354	75	18832	53.982	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	134885	50.532	ug/l	98
94) Hexachlorobutadiene	15.110	225	74050	50.459	ug/l	99
95) Naphthalene	15.232	128	300867	54.515	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	118596	51.297	ug/l	99

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

