

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010904.D
 Acq On : 10 Oct 2022 20:30
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/11/2022
 Supervised By :Mahesh Dadoda 10/11/2022

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 Dadoda
 10/11/2022

Quant Time: Oct 11 09:46:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	295733	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	478208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	422586	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	207581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156097	52.074	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.140%			
35) Dibromofluoromethane	7.716	113	151109	47.603	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.200%			
50) Toluene-d8	10.179	98	574452	52.916	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.840%			
62) 4-Bromofluorobenzene	12.477	95	199918	46.909	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 93.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	94979	46.358	ug/l	97
3) Chloromethane	2.113	50	143638	42.151	ug/l	95
4) Vinyl Chloride	2.247	62	178392	43.475	ug/l	98
5) Bromomethane	2.650	94	121999	41.901	ug/l	100
6) Chloroethane	2.790	64	115459	42.222	ug/l	95
7) Trichlorofluoromethane	3.125	101	243245	48.677	ug/l	93
8) Diethyl Ether	3.527	74	86131	53.577	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.899	101	144869	50.566	ug/l	95
10) Methyl Iodide	4.088	142	192155	50.174	ug/l	90
11) Tert butyl alcohol	4.948	59	73955	287.901	ug/l #	95
12) 1,1-Dichloroethene	3.869	96	140394	50.213	ug/l	86
13) Acrolein	3.729	56	41333	196.921	ug/l	98
14) Allyl chloride	4.478	41	218404	52.182	ug/l #	89
15) Acrylonitrile	5.155	53	221406	282.702	ug/l	97
16) Acetone	3.942	43	166124	218.205	ug/l #	85
17) Carbon Disulfide	4.192	76	415694	46.006	ug/l	100
18) Methyl Acetate	4.472	43	107728	55.395	ug/l #	87
19) Methyl tert-butyl Ether	5.216	73	403662	55.151	ug/l	99
20) Methylene Chloride	4.710	84	182376	55.207	ug/l #	83
21) trans-1,2-Dichloroethene	5.216	96	162019	49.625	ug/l	89
22) Diisopropyl ether	6.112	45	470558	51.263	ug/l #	95
23) Vinyl Acetate	6.057	43	1496354	269.115	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	285791	51.126	ug/l	98
25) 2-Butanone	6.984	43	280226	256.020	ug/l #	86
26) 2,2-Dichloropropane	6.978	77	254002	47.870	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	187103	51.639	ug/l	88
28) Bromochloromethane	7.332	49	115580	55.294	ug/l	83
29) Tetrahydrofuran	7.344	42	182452	283.463	ug/l #	83
30) Chloroform	7.502	83	294522	51.054	ug/l	100
31) Cyclohexane	7.783	56	248827	46.375	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	261419	50.304	ug/l	96
36) 1,1-Dichloropropene	7.917	75	223845	48.847	ug/l	97
37) Ethyl Acetate	7.069	43	123991	55.138	ug/l #	92
38) Carbon Tetrachloride	7.899	117	235489	49.338	ug/l	99
39) Methylcyclohexane	9.185	83	278718	49.516	ug/l	89
40) Benzene	8.161	78	662727	50.204	ug/l	95

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Supervised By :Mahesh
 Dadoda
 10/11/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	67065m	50.869	ug/l	
42) 1,2-Dichloroethane	8.234	62	189310	50.726	ug/l	92
43) Isopropyl Acetate	8.270	43	226211	55.579	ug/l #	89
44) Trichloroethene	8.941	130	180650	50.542	ug/l	99
45) 1,2-Dichloropropane	9.215	63	162220	50.975	ug/l	95
46) Dibromomethane	9.301	93	94516	51.925	ug/l	97
47) Bromodichloromethane	9.496	83	226759	51.620	ug/l	98
48) Methyl methacrylate	9.289	41	102313	53.521	ug/l #	81
49) 1,4-Dioxane	9.295	88	27434	1224.334	ug/l #	83
51) 4-Methyl-2-Pentanone	10.069	43	625038	280.697	ug/l #	88
52) Toluene	10.240	92	422819	50.328	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	234017	51.455	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	269025	51.654	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	133477	52.260	ug/l	97
56) Ethyl methacrylate	10.508	69	187980	57.281	ug/l #	77
57) 1,3-Dichloropropane	10.788	76	228341	52.583	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	486307	284.255	ug/l	94
59) 2-Hexanone	10.831	43	429663	278.600	ug/l	85
60) Dibromochloromethane	10.983	129	161699	52.803	ug/l	100
61) 1,2-Dibromoethane	11.087	107	130569	53.615	ug/l	100
64) Tetrachloroethene	10.721	164	169840	50.689	ug/l	96
65) Chlorobenzene	11.514	112	443503	50.680	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	165133	51.625	ug/l	98
67) Ethyl Benzene	11.593	91	864222	54.874	ug/l	98
68) m/p-Xylenes	11.703	106	656557	106.522	ug/l	94
69) o-Xylene	12.026	106	311118	53.989	ug/l	94
70) Styrene	12.044	104	502603	51.751	ug/l	96
71) Bromoform	12.209	173	105029	55.163	ug/l #	99
73) Isopropylbenzene	12.331	105	786122	51.514	ug/l	100
74) N-amyl acetate	12.142	43	197799	56.397	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.581	83	155641	54.589	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	117360m	55.829	ug/l	
77) Bromobenzene	12.605	156	181457	51.834	ug/l	98
78) n-propylbenzene	12.672	91	933253	50.214	ug/l	99
79) 2-Chlorotoluene	12.757	91	530330	51.003	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	663194	51.382	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	55473	55.124	ug/l	86
82) 4-Chlorotoluene	12.855	91	545438	50.165	ug/l	99
83) tert-Butylbenzene	13.074	119	571755	51.960	ug/l	94
84) 1,2,4-Trimethylbenzene	13.117	105	681469	53.702	ug/l	98
85) sec-Butylbenzene	13.251	105	840998	50.773	ug/l	100
86) p-Isopropyltoluene	13.367	119	703395	50.616	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	352464	49.605	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	349195	49.631	ug/l	99
89) n-Butylbenzene	13.696	91	649511	50.790	ug/l	98
90) Hexachloroethane	13.958	117	131409	49.436	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	316591	51.119	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	25880	56.449	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	187223	51.522	ug/l	99
94) Hexachlorobutadiene	15.111	225	108802	48.562	ug/l	99
95) Naphthalene	15.233	128	654663	94.527	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	161887	52.261	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

