

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011195.D
 Acq On : 31 Oct 2022 13:50
 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 11/01/2022
 Supervised By :Mahesh Dadoda 11/01/2022

Quant Time: Nov 01 02:43:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	224676	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367834	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	333901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	165772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	124122	53.427	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.860%			
35) Dibromofluoromethane	7.716	113	120177	53.128	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.260%			
50) Toluene-d8	10.179	98	468228	52.249	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.500%			
62) 4-Bromofluorobenzene	12.477	95	167400	57.089	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	50846	45.830	ug/l	99
3) Chloromethane	2.113	50	62110	42.574	ug/l	95
4) Vinyl Chloride	2.247	62	75651	43.149	ug/l	99
5) Bromomethane	2.650	94	51920	44.140	ug/l	97
6) Chloroethane	2.790	64	55009	44.795	ug/l	97
7) Trichlorofluoromethane	3.125	101	136408	42.954	ug/l	96
8) Diethyl Ether	3.527	74	54989	48.068	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	90037	44.895	ug/l	93
10) Methyl Iodide	4.088	142	93821	42.701	ug/l	91
11) Tert butyl alcohol	4.948	59	58796	261.783	ug/l	96
12) 1,1-Dichloroethene	3.869	96	76970	42.646	ug/l	83
13) Acrolein	3.729	56	39457	269.469	ug/l	99
14) Allyl chloride	4.472	41	136203	48.601	ug/l #	86
15) Acrylonitrile	5.155	53	164860	261.160	ug/l	97
16) Acetone	3.942	43	168869	297.084	ug/l #	86
17) Carbon Disulfide	4.192	76	151497	36.842	ug/l	98
18) Methyl Acetate	4.472	43	76493	50.786	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	283778	53.267	ug/l	100
20) Methylene Chloride	4.710	84	135730	59.080	ug/l	85
21) trans-1,2-Dichloroethene	5.216	96	88219	42.631	ug/l	92
22) Diisopropyl ether	6.118	45	338822	52.587	ug/l	90
23) Vinyl Acetate	6.057	43	1025178	279.875	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	190533	47.864	ug/l	99
25) 2-Butanone	6.984	43	226307	277.745	ug/l #	84
26) 2,2-Dichloropropane	6.978	77	172048	48.361	ug/l	96
27) cis-1,2-Dichloroethene	6.984	96	117283	46.780	ug/l	90
28) Bromochloromethane	7.332	49	103053	56.696	ug/l	89
29) Tetrahydrofuran	7.344	42	129092	265.912	ug/l #	86
30) Chloroform	7.502	83	200432	47.960	ug/l	100
31) Cyclohexane	7.783	56	128638	43.893	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	168829	47.480	ug/l	95
36) 1,1-Dichloropropene	7.917	75	129850	44.032	ug/l	99
37) Ethyl Acetate	7.069	43	86848	52.051	ug/l #	92
38) Carbon Tetrachloride	7.899	117	146494	45.607	ug/l	99
39) Methylcyclohexane	9.179	83	140164	42.597	ug/l	93
40) Benzene	8.155	78	403826	45.740	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	49679m	56.975	ug/l	
42) 1,2-Dichloroethane	8.234	62	122224	48.656	ug/l	91
43) Isopropyl Acetate	8.270	43	159522	53.619	ug/l #	90
44) Trichloroethene	8.935	130	106014	44.677	ug/l	92
45) 1,2-Dichloropropane	9.215	63	113711	48.929	ug/l	99
46) Dibromomethane	9.301	93	61065	47.005	ug/l	94
47) Bromodichloromethane	9.496	83	160132	49.879	ug/l	99
48) Methyl methacrylate	9.289	41	70755	53.356	ug/l #	79
49) 1,4-Dioxane	9.295	88	19431	1083.666	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	467262	278.556	ug/l #	87
52) Toluene	10.240	92	259901	47.029	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	162807	50.579	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	181248	49.676	ug/l #	82
55) 1,1,2-Trichloroethane	10.642	97	96022	49.658	ug/l	98
56) Ethyl methacrylate	10.508	69	132742	54.548	ug/l #	76
57) 1,3-Dichloropropane	10.788	76	160915	49.855	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	326134	277.496	ug/l	97
59) 2-Hexanone	10.831	43	339079	292.896	ug/l	84
60) Dibromochloromethane	10.983	129	114236	49.963	ug/l	99
61) 1,2-Dibromoethane	11.087	107	85864	48.920	ug/l	100
64) Tetrachloroethene	10.721	164	100785	43.745	ug/l	98
65) Chlorobenzene	11.514	112	289360	47.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	116481	48.827	ug/l	98
67) Ethyl Benzene	11.593	91	518387	48.264	ug/l	98
68) m/p-Xylenes	11.703	106	398456	97.336	ug/l	96
69) o-Xylene	12.026	106	191677	49.094	ug/l	96
70) Styrene	12.044	104	337249	50.543	ug/l	97
71) Bromoform	12.209	173	73700	50.418	ug/l #	99
73) Isopropylbenzene	12.331	105	524623	48.471	ug/l	99
74) N-amyl acetate	12.142	43	147222	55.412	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	117353	49.698	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	84853m	49.233	ug/l	
77) Bromobenzene	12.605	156	119229	46.836	ug/l	94
78) n-propylbenzene	12.672	91	638627	48.519	ug/l	100
79) 2-Chlorotoluene	12.757	91	365970	48.614	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	442157	48.486	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	41792	51.496	ug/l #	83
82) 4-Chlorotoluene	12.855	91	378825	48.508	ug/l	100
83) tert-Butylbenzene	13.074	119	390404	49.043	ug/l	95
84) 1,2,4-Trimethylbenzene	13.117	105	441365	49.170	ug/l	100
85) sec-Butylbenzene	13.251	105	584026	49.066	ug/l	99
86) p-Isopropyltoluene	13.367	119	481109	49.202	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	245143	47.435	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	241478	46.706	ug/l	98
89) n-Butylbenzene	13.696	91	455324	49.852	ug/l	99
90) Hexachloroethane	13.958	117	96724	47.351	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	222191	47.794	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19715	51.863	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	132058	49.637	ug/l	99
94) Hexachlorobutadiene	15.111	225	77223	48.064	ug/l	99
95) Naphthalene	15.233	128	284853	48.025	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	116256	50.198	ug/l	97

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

