

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111622\
 Data File : VY011488.D
 Acq On : 16 Nov 2022 20:56
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/17/2022
 Supervised By :Mahesh Dadoda 11/17/2022

Quant Time: Nov 17 03:18:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 10 17:47:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	250222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	388522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	361692	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	185235	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	97379	46.442	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.880%		
35) Dibromofluoromethane	7.716	113	106347	48.842	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.680%		
50) Toluene-d8	10.179	98	380597	45.755	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.483	95	145640	50.198	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	64549	42.543	ug/l	100
3) Chloromethane	2.113	50	79494	39.528	ug/l	97
4) Vinyl Chloride	2.253	62	97515	41.135	ug/l	99
5) Bromomethane	2.650	94	73745	42.959	ug/l	99
6) Chloroethane	2.796	64	70296	44.657	ug/l	95
7) Trichlorofluoromethane	3.125	101	169919	45.429	ug/l	90
8) Diethyl Ether	3.527	74	63522	48.363	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.899	101	106529	46.978	ug/l	95
10) Methyl Iodide	4.094	142	138331	45.738	ug/l	91
11) Tert butyl alcohol	4.948	59	57988	221.527	ug/l	96
12) 1,1-Dichloroethene	3.875	96	99832	44.464	ug/l #	78
13) Acrolein	3.729	56	16465	269.277	ug/l	96
14) Allyl chloride	4.479	41	137591	45.410	ug/l #	82
15) Acrylonitrile	5.161	53	167365	266.678	ug/l	96
16) Acetone	3.942	43	124129	224.343	ug/l #	80
17) Carbon Disulfide	4.198	76	269691	40.328	ug/l	100
18) Methyl Acetate	4.472	43	74995	48.838	ug/l #	81
19) Methyl tert-butyl Ether	5.222	73	298835	50.891	ug/l	95
20) Methylene Chloride	4.716	84	137243	44.861	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	118668	46.356	ug/l #	82
22) Diisopropyl ether	6.118	45	322370	49.852	ug/l #	88
23) Vinyl Acetate	6.058	43	991166	262.002	ug/l #	88
24) 1,1-Dichloroethane	6.015	63	200883	47.705	ug/l	98
25) 2-Butanone	6.984	43	194934	247.335	ug/l #	79
26) 2,2-Dichloropropane	6.984	77	181562	46.104	ug/l	92
27) cis-1,2-Dichloroethene	6.984	96	140738	48.850	ug/l	82
28) Bromochloromethane	7.332	49	76154	49.798	ug/l #	67
29) Tetrahydrofuran	7.344	42	127223	266.484	ug/l #	74
30) Chloroform	7.508	83	222706	50.006	ug/l	99
31) Cyclohexane	7.789	56	163118	43.294	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	195226	48.467	ug/l	93
36) 1,1-Dichloropropene	7.917	75	159952	47.331	ug/l	96
37) Ethyl Acetate	7.070	43	85840	52.878	ug/l #	90
38) Carbon Tetrachloride	7.899	117	180631	49.138	ug/l	98
39) Methylcyclohexane	9.185	83	194425	47.085	ug/l #	87
40) Benzene	8.161	78	486201	48.178	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	43936	52.267	ug/l #	48
42) 1,2-Dichloroethane	8.234	62	134236	50.757	ug/l	89
43) Isopropyl Acetate	8.271	43	150279	51.316	ug/l #	83
44) Trichloroethene	8.941	130	138512	48.860	ug/l	100
45) 1,2-Dichloropropane	9.216	63	118369	49.284	ug/l	94
46) Dibromomethane	9.307	93	71850	51.380	ug/l	96
47) Bromodichloromethane	9.496	83	170860	50.997	ug/l	98
48) Methyl methacrylate	9.295	41	67595	51.362	ug/l #	71
49) 1,4-Dioxane	9.295	88	21560	1129.324	ug/l #	78
51) 4-Methyl-2-Pentanone	10.069	43	434379	275.828	ug/l #	82
52) Toluene	10.246	92	320357	49.712	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	176768	51.168	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	198630	49.817	ug/l #	79
55) 1,1,2-Trichloroethane	10.648	97	106938	52.808	ug/l	97
56) Ethyl methacrylate	10.508	69	141752	54.435	ug/l #	69
57) 1,3-Dichloropropane	10.788	76	175580	51.974	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	332044	275.844	ug/l	91
59) 2-Hexanone	10.831	43	303507	272.049	ug/l	78
60) Dibromochloromethane	10.983	129	131899	52.767	ug/l	100
61) 1,2-Dibromoethane	11.087	107	101308	52.031	ug/l	99
64) Tetrachloroethene	10.721	164	141522	48.950	ug/l	99
65) Chlorobenzene	11.514	112	351936	48.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	136064	50.236	ug/l	98
67) Ethyl Benzene	11.593	91	614346	48.567	ug/l	98
68) m/p-Xylenes	11.703	106	486693	98.139	ug/l	93
69) o-Xylene	12.032	106	233388	49.897	ug/l	91
70) Styrene	12.044	104	400080	50.882	ug/l	95
71) Bromoform	12.209	173	87806	52.302	ug/l #	99
73) Isopropylbenzene	12.331	105	618664	48.322	ug/l	100
74) N-amyl acetate	12.142	43	134233	49.835	ug/l #	77
75) 1,1,2,2-Tetrachloroethane	12.581	83	124008	50.413	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	97801m	45.613	ug/l	
77) Bromobenzene	12.611	156	148863	48.623	ug/l	92
78) n-propylbenzene	12.672	91	732145	47.927	ug/l	97
79) 2-Chlorotoluene	12.758	91	414280	47.419	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	525153	48.632	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	44388	49.761	ug/l #	80
82) 4-Chlorotoluene	12.855	91	434882	47.951	ug/l	98
83) tert-Butylbenzene	13.075	119	455531	48.792	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	521132	49.166	ug/l	98
85) sec-Butylbenzene	13.251	105	677128	49.271	ug/l	99
86) p-Isopropyltoluene	13.367	119	572004	49.654	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	292888	47.923	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	292797	48.446	ug/l	98
89) n-Butylbenzene	13.696	91	511067	49.374	ug/l	98
90) Hexachloroethane	13.959	117	109241	48.468	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	265545	48.980	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20209	50.423	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	157246	49.200	ug/l	98
94) Hexachlorobutadiene	15.111	225	96988	51.366	ug/l	99
95) Naphthalene	15.239	128	339447	48.539	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	140950	51.070	ug/l	99

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

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