

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042022\
 Data File : VY008410.D
 Acq On : 20 Apr 2022 11:24
 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

04/21/2022

Supervised By :Mahesh

Dadoda

04/21/2022

Quant Time: Apr 21 02:36:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	120997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204727	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	53729	47.274	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.540%		
35) Dibromofluoromethane	7.716	113	56269	47.586	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.180%		
50) Toluene-d8	10.179	98	189546	46.846	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.700%		
62) 4-Bromofluorobenzene	12.483	95	69496	45.665	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	91.340%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41242	41.158	ug/l	97
3) Chloromethane	2.113	50	60432	53.680	ug/l	96
4) Vinyl Chloride	2.253	62	85323	49.499	ug/l	99
5) Bromomethane	2.650	94	73921	55.734	ug/l	97
6) Chloroethane	2.796	64	61144	50.645	ug/l	98
7) Trichlorofluoromethane	3.131	101	103717	50.567	ug/l	96
8) Diethyl Ether	3.528	74	35014	47.236	ug/l	71
9) 1,1,2-Trichlorotrifluo...	3.906	101	69536	52.191	ug/l	92
10) Methyl Iodide	4.095	142	74009	49.720	ug/l	90
11) Tert butyl alcohol	4.954	59	35963	295.976	ug/l	97
12) 1,1-Dichloroethene	3.875	96	58960	49.404	ug/l	82
13) Acrolein	3.729	56	20555	214.846	ug/l	96
14) Allyl chloride	4.479	41	80524	51.700	ug/l #	88
15) Acrylonitrile	5.161	53	95028	262.112	ug/l	98
16) Acetone	3.948	43	82587	302.109	ug/l #	88
17) Carbon Disulfide	4.198	76	127539	40.509	ug/l	98
18) Methyl Acetate	4.473	43	38466	59.360	ug/l #	80
19) Methyl tert-butyl Ether	5.222	73	195886	53.187	ug/l	96
20) Methylene Chloride	4.716	84	80641	56.908	ug/l #	78
21) trans-1,2-Dichloroethene	5.222	96	71089	49.717	ug/l	83
22) Diisopropyl ether	6.119	45	201608	54.865	ug/l #	94
23) Vinyl Acetate	6.058	43	660148	277.256	ug/l #	87
24) 1,1-Dichloroethane	6.021	63	128676	54.552	ug/l	98
25) 2-Butanone	6.984	43	121326	283.833	ug/l #	78
26) 2,2-Dichloropropane	6.984	77	124519	57.324	ug/l	93
27) cis-1,2-Dichloroethene	6.990	96	89191	52.573	ug/l	83
28) Bromochloromethane	7.332	49	50939	56.342	ug/l #	68
29) Tetrahydrofuran	7.350	42	73780	267.339	ug/l #	74
30) Chloroform	7.509	83	143718	54.566	ug/l	98
31) Cyclohexane	7.783	56	96901	47.149	ug/l	86
32) 1,1,1-Trichloroethane	7.704	97	127360	55.277	ug/l	95
36) 1,1-Dichloropropene	7.917	75	99038	52.450	ug/l	95
37) Ethyl Acetate	7.076	43	53089	54.527	ug/l #	91
38) Carbon Tetrachloride	7.899	117	112062	55.165	ug/l	96
39) Methylcyclohexane	9.185	83	123692	50.912	ug/l #	86
40) Benzene	8.161	78	296529	52.736	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.326	41	30132m	55.320	ug/l	
42) 1,2-Dichloroethane	8.240	62	88694	54.370	ug/l	90
43) Isopropyl Acetate	8.271	43	101584	56.218	ug/l #	86
44) Trichloroethene	8.941	130	83159	51.894	ug/l	98
45) 1,2-Dichloropropane	9.216	63	75829	55.205	ug/l	91
46) Dibromomethane	9.307	93	48181	52.997	ug/l	95
47) Bromodichloromethane	9.496	83	113864	55.691	ug/l	98
48) Methyl methacrylate	9.295	41	42746	55.648	ug/l #	73
49) 1,4-Dioxane	9.295	88	13002	1108.229	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	272846	292.424	ug/l #	84
52) Toluene	10.246	92	194737	52.566	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	115846	55.597	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	129507	55.091	ug/l #	84
55) 1,1,2-Trichloroethane	10.648	97	69473	53.571	ug/l	98
56) Ethyl methacrylate	10.508	69	88892	55.908	ug/l #	76
57) 1,3-Dichloropropane	10.795	76	112180	53.867	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	152542	243.564	ug/l	90
59) 2-Hexanone	10.831	43	190026	295.979	ug/l	81
60) Dibromochloromethane	10.990	129	84393	55.710	ug/l	100
61) 1,2-Dibromoethane	11.093	107	66377	52.351	ug/l	100
64) Tetrachloroethene	10.721	164	70289	53.573	ug/l	99
65) Chlorobenzene	11.520	112	219756	54.436	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	84177	55.878	ug/l	96
67) Ethyl Benzene	11.593	91	386760	56.336	ug/l	98
68) m/p-Xylenes	11.703	106	309413	113.324	ug/l	90
69) o-Xylene	12.032	106	147506	55.672	ug/l	92
70) Styrene	12.044	104	252131	57.700	ug/l	95
71) Bromoform	12.209	173	50954	56.113	ug/l #	98
73) Isopropylbenzene	12.331	105	394723	57.445	ug/l	99
74) N-amyl acetate	12.148	43	90833	60.888	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.587	83	83962	57.747	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	63412m	62.038	ug/l	
77) Bromobenzene	12.611	156	89089	52.909	ug/l	95
78) n-propylbenzene	12.672	91	470670	58.049	ug/l	99
79) 2-Chlorotoluene	12.758	91	259751	57.083	ug/l	96
80) 1,3,5-Trimethylbenzene	12.819	105	326140	57.883	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27565	60.339	ug/l #	83
82) 4-Chlorotoluene	12.855	91	271761	58.115	ug/l	96
83) tert-Butylbenzene	13.075	119	293513	58.067	ug/l	94
84) 1,2,4-Trimethylbenzene	13.123	105	320580	57.493	ug/l	96
85) sec-Butylbenzene	13.258	105	446291	59.555	ug/l	100
86) p-Isopropyltoluene	13.373	119	370921	59.314	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	187041	56.088	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	182027	55.152	ug/l	98
89) n-Butylbenzene	13.696	91	335583	59.396	ug/l	99
90) Hexachloroethane	13.965	117	68555	58.654	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	163121	54.981	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	11635	55.931	ug/l	72
93) 1,2,4-Trichlorobenzene	15.007	180	88008	50.153	ug/l	98
94) Hexachlorobutadiene	15.117	225	45260	50.804	ug/l	99
95) Naphthalene	15.239	128	194455	51.732	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	76021	49.505	ug/l	99

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

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