

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013123\
 Data File : VY012411.D
 Acq On : 31 Jan 2023 10:47
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 01 01:21:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	164405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	222857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	61652	44.835	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.680%		
35) Dibromofluoromethane	7.716	113	57300	44.548	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.100%		
50) Toluene-d8	10.179	98	208398	46.454	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	92.900%		
62) 4-Bromofluorobenzene	12.483	95	80619	44.462	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	88.920%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	63511	44.205	ug/l	100
3) Chloromethane	2.119	50	61291	46.211	ug/l	98
4) Vinyl Chloride	2.253	62	77489	50.054	ug/l	99
5) Bromomethane	2.656	94	61182	51.116	ug/l	93
6) Chloroethane	2.796	64	51629	51.136	ug/l	99
7) Trichlorofluoromethane	3.131	101	152955	50.623	ug/l	96
8) Diethyl Ether	3.528	74	44154	49.110	ug/l	79
9) 1,1,2-Trichlorotrifluo...	3.899	101	76448	51.986	ug/l	93
10) Methyl Iodide	4.095	142	102942	46.064	ug/l	95
11) Tert butyl alcohol	4.954	59	37507	230.995	ug/l	99
12) 1,1-Dichloroethene	3.875	96	77468	51.305	ug/l	96
13) Acrolein	3.729	56	13917	227.359	ug/l	97
14) Allyl chloride	4.479	41	91487	49.002	ug/l #	83
15) Acrylonitrile	5.161	53	97015	247.036	ug/l	98
16) Acetone	3.948	43	118837	259.586	ug/l	98
17) Carbon Disulfide	4.198	76	213245	45.658	ug/l	98
18) Methyl Acetate	4.473	43	48644	47.486	ug/l #	85
19) Methyl tert-butyl Ether	5.222	73	214307	50.914	ug/l	93
20) Methylene Chloride	4.716	84	86397	44.135	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	85752	50.892	ug/l	89
22) Diisopropyl ether	6.119	45	189720	50.971	ug/l #	88
23) Vinyl Acetate	6.058	43	574228	247.577	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	132497	51.321	ug/l	97
25) 2-Butanone	6.984	43	122146	241.683	ug/l #	84
26) 2,2-Dichloropropane	6.984	77	145872	52.048	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	95193	51.432	ug/l	94
28) Bromochloromethane	7.338	49	23815	42.237	ug/l #	69
29) Tetrahydrofuran	7.344	42	65109	234.533	ug/l #	78
30) Chloroform	7.509	83	157538	51.692	ug/l	98
31) Cyclohexane	7.783	56	113007	47.144	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	159833	52.975	ug/l	98
36) 1,1-Dichloropropene	7.917	75	113414	51.882	ug/l	97
37) Ethyl Acetate	7.070	43	45937	47.668	ug/l #	95
38) Carbon Tetrachloride	7.899	117	152566	54.039	ug/l	98
39) Methylcyclohexane	9.185	83	141096	52.817	ug/l	93
40) Benzene	8.161	78	331957	52.614	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29161m	51.480	ug/l	
42) 1,2-Dichloroethane	8.234	62	105802	52.673	ug/l	98
43) Isopropyl Acetate	8.271	43	88230	49.210	ug/l #	92
44) Trichloroethene	8.941	130	99759	52.899	ug/l	95
45) 1,2-Dichloropropane	9.216	63	69257	52.606	ug/l	97
46) Dibromomethane	9.307	93	45815	51.982	ug/l	94
47) Bromodichloromethane	9.496	83	118956	53.618	ug/l	99
48) Methyl methacrylate	9.295	41	40219	48.685	ug/l	85
49) 1,4-Dioxane	9.301	88	12577	1047.251	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	238276	249.234	ug/l	95
52) Toluene	10.246	92	226454	53.906	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	123386	53.169	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	130976	52.408	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	66584	53.173	ug/l	96
56) Ethyl methacrylate	10.508	69	86363	52.571	ug/l	93
57) 1,3-Dichloropropane	10.788	76	108548	53.079	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	127547	234.642	ug/l #	89
59) 2-Hexanone	10.831	43	185967	255.492	ug/l	92
60) Dibromochloromethane	10.984	129	90104	54.252	ug/l	100
61) 1,2-Dibromoethane	11.093	107	61878	51.211	ug/l	98
64) Tetrachloroethene	10.721	164	112545	55.344	ug/l	96
65) Chlorobenzene	11.514	112	244052	53.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	94771	55.064	ug/l	97
67) Ethyl Benzene	11.593	91	439315	53.909	ug/l	98
68) m/p-Xylenes	11.703	106	351557	109.109	ug/l	97
69) o-Xylene	12.032	106	165614	53.813	ug/l	97
70) Styrene	12.044	104	280994	54.646	ug/l	99
71) Bromoform	12.209	173	58640	53.328	ug/l #	99
73) Isopropylbenzene	12.331	105	458455	54.220	ug/l	99
74) N-amyl acetate	12.142	43	79442	47.929	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	67809	50.914	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	47637m	44.180	ug/l	
77) Bromobenzene	12.611	156	107178	52.677	ug/l	90
78) n-propylbenzene	12.672	91	525327	53.093	ug/l	98
79) 2-Chlorotoluene	12.758	91	293980	52.550	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	394003	53.603	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26809	51.230	ug/l	98
82) 4-Chlorotoluene	12.855	91	305468	51.983	ug/l	97
83) tert-Butylbenzene	13.075	119	349246	54.515	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	388390	53.579	ug/l	100
85) sec-Butylbenzene	13.251	105	492211	53.964	ug/l	97
86) p-Isopropyltoluene	13.373	119	430945	54.076	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	215251	53.193	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	212125	52.563	ug/l	99
89) n-Butylbenzene	13.696	91	371778	53.833	ug/l	98
90) Hexachloroethane	13.965	117	75567	52.526	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	190076	52.642	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14060	51.083	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	121508	52.520	ug/l	99
94) Hexachlorobutadiene	15.111	225	73320	52.636	ug/l	99
95) Naphthalene	15.239	128	238867	52.309	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	105224	52.853	ug/l	98

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

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