

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033123\
 Data File : VY013156.D
 Acq On : 31 Mar 2023 09:55
 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 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 00:04:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	137615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	205965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	183856	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92601	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70500	47.670	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.340%		
35) Dibromofluoromethane	7.716	113	66750	49.610	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.220%		
50) Toluene-d8	10.179	98	256150	50.428	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.860%		
62) 4-Bromofluorobenzene	12.483	95	83638	50.586	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	101.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61491	45.581	ug/l	97
3) Chloromethane	2.119	50	59007	41.944	ug/l	97
4) Vinyl Chloride	2.253	62	60557	42.934	ug/l	98
5) Bromomethane	2.656	94	43595	43.796	ug/l	95
6) Chloroethane	2.796	64	38631	43.723	ug/l	98
7) Trichlorofluoromethane	3.131	101	119542	47.620	ug/l	100
8) Diethyl Ether	3.534	74	38190	48.447	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	66728	48.214	ug/l	97
10) Methyl Iodide	4.095	142	91264	50.640	ug/l	97
11) Tert butyl alcohol	4.948	59	25712	192.896	ug/l	99
12) 1,1-Dichloroethene	3.875	96	65504	48.960	ug/l	96
13) Acrolein	3.735	56	44057	235.528	ug/l	98
14) Allyl chloride	4.485	41	107768	47.275	ug/l	97
15) Acrylonitrile	5.161	53	87374	223.057	ug/l	99
16) Acetone	3.948	43	118528	262.094	ug/l	98
17) Carbon Disulfide	4.198	76	202315	45.408	ug/l	99
18) Methyl Acetate	4.479	43	61758	43.341	ug/l	96
19) Methyl tert-butyl Ether	5.222	73	165187	48.724	ug/l	98
20) Methylene Chloride	4.716	84	72288	45.860	ug/l	93
21) trans-1,2-Dichloroethene	5.222	96	71859	47.670	ug/l	97
22) Diisopropyl ether	6.119	45	214193	48.093	ug/l	96
23) Vinyl Acetate	6.064	43	599952	236.884	ug/l	97
24) 1,1-Dichloroethane	6.021	63	123540	46.836	ug/l	99
25) 2-Butanone	6.984	43	135372	239.396	ug/l	99
26) 2,2-Dichloropropane	6.984	77	113025	47.640	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	79311	48.837	ug/l	97
28) Bromochloromethane	7.338	49	52587	46.462	ug/l	91
29) Tetrahydrofuran	7.350	42	73261	218.859	ug/l	95
30) Chloroform	7.509	83	128654	47.101	ug/l	99
31) Cyclohexane	7.789	56	108486	44.933	ug/l	92
32) 1,1,1-Trichloroethane	7.704	97	117197	48.528	ug/l	99
36) 1,1-Dichloropropene	7.923	75	99318	49.032	ug/l	98
37) Ethyl Acetate	7.076	43	50619	43.992	ug/l	99
38) Carbon Tetrachloride	7.905	117	108830	48.694	ug/l	98
39) Methylcyclohexane	9.185	83	117830	49.584	ug/l	98
40) Benzene	8.161	78	281479	48.113	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21598m	42.311	ug/l	
42) 1,2-Dichloroethane	8.240	62	85601	47.757	ug/l	100
43) Isopropyl Acetate	8.271	43	94353	45.811	ug/l	97
44) Trichloroethene	8.941	130	77128	47.890	ug/l	98
45) 1,2-Dichloropropane	9.216	63	68572	46.807	ug/l	97
46) Dibromomethane	9.307	93	39788	47.278	ug/l	95
47) Bromodichloromethane	9.496	83	97755	48.140	ug/l	99
48) Methyl methacrylate	9.295	41	46186	48.149	ug/l	98
49) 1,4-Dioxane	9.301	88	9988	997.625	ug/l	90
51) 4-Methyl-2-Pentanone	10.069	43	256674	230.912	ug/l	98
52) Toluene	10.246	92	177860	49.010	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	100355	48.351	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	114307	48.221	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	55263	47.505	ug/l	98
56) Ethyl methacrylate	10.514	69	71899	49.158	ug/l	97
57) 1,3-Dichloropropane	10.788	76	93762	47.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	160485	234.663	ug/l	98
59) 2-Hexanone	10.831	43	199673	248.377	ug/l	98
60) Dibromochloromethane	10.984	129	70648	48.353	ug/l	99
61) 1,2-Dibromoethane	11.087	107	53437	47.410	ug/l	99
64) Tetrachloroethene	10.721	164	68167	48.227	ug/l	99
65) Chlorobenzene	11.520	112	192384	49.290	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.593	131	72393	49.473	ug/l	98
67) Ethyl Benzene	11.593	91	340316	50.483	ug/l	100
68) m/p-Xylenes	11.703	106	266942	102.365	ug/l	100
69) o-Xylene	12.032	106	123973	51.254	ug/l	98
70) Styrene	12.044	104	210737	52.082	ug/l	100
71) Bromoform	12.209	173	44960	49.550	ug/l #	97
73) Isopropylbenzene	12.331	105	329567	51.559	ug/l	100
74) N-amyl acetate	12.142	43	84311	48.039	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	63154	47.168	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	42784m	41.128	ug/l	
77) Bromobenzene	12.611	156	80040	50.365	ug/l	93
78) n-propylbenzene	12.672	91	399870	50.879	ug/l	99
79) 2-Chlorotoluene	12.758	91	222608	49.915	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	276798	51.795	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	22314	47.837	ug/l	98
82) 4-Chlorotoluene	12.855	91	231494	49.876	ug/l	100
83) tert-Butylbenzene	13.075	119	235975	51.409	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	271403	51.858	ug/l	99
85) sec-Butylbenzene	13.258	105	355148	51.242	ug/l	100
86) p-Isopropyltoluene	13.373	119	298584	52.331	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	155562	49.380	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	154381	48.904	ug/l	99
89) n-Butylbenzene	13.696	91	272850	51.154	ug/l	99
90) Hexachloroethane	13.965	117	58717	49.400	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	138450	49.210	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9986	44.821	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	85372	52.035	ug/l	100
94) Hexachlorobutadiene	15.111	225	51279	50.819	ug/l	99
95) Naphthalene	15.239	128	159085	46.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	73852	51.090	ug/l	99

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

