

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013154.D
 Acq On : 30 Mar 2023 16:46
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/31/2023
 Supervised By :Mahesh Dadoda 04/03/2023

Quant Time: Mar 31 05:46:58 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	138964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	208115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	186191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72025	48.228	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.460%		
35) Dibromofluoromethane	7.716	113	66186	48.682	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.360%		
50) Toluene-d8	10.179	98	250886	48.882	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.483	95	84019	50.292	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	100.580%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	61853	45.405	ug/l	97
3) Chloromethane	2.113	50	58161	40.941	ug/l	100
4) Vinyl Chloride	2.253	62	61109	42.904	ug/l	99
5) Bromomethane	2.650	94	43577	43.353	ug/l	93
6) Chloroethane	2.796	64	38997	43.709	ug/l	98
7) Trichlorofluoromethane	3.125	101	120282	47.450	ug/l	100
8) Diethyl Ether	3.528	74	37898	47.610	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.900	101	65386	46.786	ug/l	98
10) Methyl Iodide	4.089	142	91972	50.537	ug/l	98
11) Tert butyl alcohol	4.948	59	31244	232.123	ug/l	100
12) 1,1-Dichloroethene	3.869	96	63519	47.016	ug/l	98
13) Acrolein	3.729	56	45282	239.727	ug/l	99
14) Allyl chloride	4.479	41	111360	48.377	ug/l	98
15) Acrylonitrile	5.155	53	96487	243.931	ug/l	99
16) Acetone	3.942	43	114885	251.573	ug/l	99
17) Carbon Disulfide	4.192	76	207126	46.036	ug/l	98
18) Methyl Acetate	4.473	43	70290	48.849	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	174418	50.948	ug/l	97
20) Methylene Chloride	4.710	84	84857	54.288	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	72991	47.951	ug/l	99
22) Diisopropyl ether	6.119	45	219806	48.874	ug/l	99
23) Vinyl Acetate	6.058	43	647630	253.227	ug/l	98
24) 1,1-Dichloroethane	6.015	63	125033	46.942	ug/l	99
25) 2-Butanone	6.984	43	143093	250.593	ug/l	100
26) 2,2-Dichloropropane	6.978	77	113691	47.455	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	79396	48.415	ug/l	98
28) Bromochloromethane	7.332	49	54555	47.733	ug/l	94
29) Tetrahydrofuran	7.344	42	87039	257.495	ug/l	97
30) Chloroform	7.503	83	129304	46.879	ug/l	100
31) Cyclohexane	7.783	56	113102	46.390	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	117669	48.251	ug/l	99
36) 1,1-Dichloropropene	7.917	75	101168	49.430	ug/l	99
37) Ethyl Acetate	7.070	43	59406	51.095	ug/l	99
38) Carbon Tetrachloride	7.899	117	109180	48.346	ug/l	100
39) Methylcyclohexane	9.185	83	119854	49.915	ug/l	97
40) Benzene	8.161	78	285029	48.216	ug/l	100

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41) Methacrylonitrile	7.314	41	26844m	52.044	ug/l	
42) 1,2-Dichloroethane	8.234	62	88163	48.678	ug/l	100
43) Isopropyl Acetate	8.271	43	107989	51.889	ug/l	99
44) Trichloroethene	8.941	130	78565	48.278	ug/l	100
45) 1,2-Dichloropropane	9.216	63	71070	48.011	ug/l	96
46) Dibromomethane	9.301	93	41809	49.166	ug/l	96
47) Bromodichloromethane	9.496	83	99712	48.597	ug/l	98
48) Methyl methacrylate	9.289	41	51001	52.619	ug/l	98
49) 1,4-Dioxane	9.295	88	11047	1092.002	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	292423	260.355	ug/l	99
52) Toluene	10.240	92	180388	49.193	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	105734	50.416	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	117298	48.972	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	57250	48.705	ug/l	100
56) Ethyl methacrylate	10.508	69	78874	53.370	ug/l	97
57) 1,3-Dichloropropane	10.789	76	98620	49.699	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	178421	258.194	ug/l	98
59) 2-Hexanone	10.831	43	219378	270.069	ug/l	99
60) Dibromochloromethane	10.984	129	72805	49.315	ug/l	100
61) 1,2-Dibromoethane	11.087	107	55810	49.003	ug/l	100
64) Tetrachloroethene	10.721	164	69800	48.763	ug/l	98
65) Chlorobenzene	11.514	112	192060	48.590	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	73552	49.635	ug/l	99
67) Ethyl Benzene	11.593	91	344628	50.482	ug/l	99
68) m/p-Xylenes	11.703	106	266891	101.062	ug/l	100
69) o-Xylene	12.026	106	124921	50.998	ug/l	98
70) Styrene	12.044	104	214213	52.278	ug/l	99
71) Bromoform	12.209	173	47357	51.537	ug/l	98
73) Isopropylbenzene	12.331	105	331155	50.197	ug/l	100
74) N-amyl acetate	12.142	43	96953	53.525	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	66602	48.197	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	42372m	39.466	ug/l	
77) Bromobenzene	12.605	156	82245	50.144	ug/l	94
78) n-propylbenzene	12.672	91	403334	49.724	ug/l	99
79) 2-Chlorotoluene	12.758	91	226996	49.317	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	278972	50.579	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	24736	51.381	ug/l	98
82) 4-Chlorotoluene	12.855	91	234649	48.984	ug/l	99
83) tert-Butylbenzene	13.075	119	240399	50.745	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	273522	50.638	ug/l	100
85) sec-Butylbenzene	13.252	105	360123	50.345	ug/l	100
86) p-Isopropyltoluene	13.367	119	299984	50.942	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	158797	48.840	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	159929	49.087	ug/l	100
89) n-Butylbenzene	13.697	91	277275	50.368	ug/l	99
90) Hexachloroethane	13.959	117	59025	48.116	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	142094	48.935	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11458	49.829	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	89544	52.881	ug/l	99
94) Hexachlorobutadiene	15.111	225	51295	49.255	ug/l	98
95) Naphthalene	15.233	128	180017	50.178	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	78583	52.673	ug/l	98

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

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