

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030323\
 Data File : VY012810.D
 Acq On : 03 Mar 2023 20:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/06/2023
 Supervised By :Mahesh Dadoda 03/06/2023

Quant Time: Mar 04 01:28:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	101838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155791	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72069	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	49229	48.688	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.380%		
35) Dibromofluoromethane	7.716	113	46740	49.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.420%		
50) Toluene-d8	10.179	98	165055	48.021	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.040%		
62) 4-Bromofluorobenzene	12.483	95	56519	48.718	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.440%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	47284	47.107	ug/l	98
3) Chloromethane	2.113	50	54673	45.561	ug/l	100
4) Vinyl Chloride	2.253	62	53542	48.657	ug/l	98
5) Bromomethane	2.650	94	33848	50.623	ug/l	95
6) Chloroethane	2.790	64	34208	51.908	ug/l	99
7) Trichlorofluoromethane	3.125	101	91890	50.279	ug/l	96
8) Diethyl Ether	3.528	74	32312	50.451	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	54663	49.713	ug/l	99
10) Methyl Iodide	4.088	142	73549	51.336	ug/l	99
11) Tert butyl alcohol	4.954	59	31454	272.297	ug/l	99
12) 1,1-Dichloroethene	3.875	96	52136	49.715	ug/l	99
13) Acrolein	3.729	56	42066	237.463	ug/l	100
14) Allyl chloride	4.479	41	94424	48.744	ug/l	97
15) Acrylonitrile	5.155	53	91007	269.683	ug/l	99
16) Acetone	3.942	43	86817	218.753	ug/l	100
17) Carbon Disulfide	4.192	76	174969	49.016	ug/l	98
18) Methyl Acetate	4.473	43	61086	51.686	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	144451	53.327	ug/l	97
20) Methylene Chloride	4.716	84	65054	54.164	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	58759	51.560	ug/l	97
22) Diisopropyl ether	6.112	45	182219	51.790	ug/l	95
23) Vinyl Acetate	6.058	43	583630	266.966	ug/l	100
24) 1,1-Dichloroethane	6.015	63	102226	50.988	ug/l	100
25) 2-Butanone	6.978	43	122484	249.174	ug/l	100
26) 2,2-Dichloropropane	6.978	77	84051	47.201	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	64256	52.590	ug/l	98
28) Bromochloromethane	7.332	49	38469	52.504	ug/l	98
29) Tetrahydrofuran	7.344	42	81855	276.099	ug/l	97
30) Chloroform	7.503	83	105284	53.164	ug/l	100
31) Cyclohexane	7.783	56	91434	47.217	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	92877	51.860	ug/l	99
36) 1,1-Dichloropropene	7.917	75	79707	50.590	ug/l	99
37) Ethyl Acetate	7.070	43	53473	53.847	ug/l	99
38) Carbon Tetrachloride	7.899	117	85934	52.817	ug/l	98
39) Methylcyclohexane	9.185	83	95935	51.216	ug/l	98
40) Benzene	8.161	78	233602	52.414	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	29905m	55.894	ug/l	
42) 1,2-Dichloroethane	8.234	62	71397	53.284	ug/l	99
43) Isopropyl Acetate	8.271	43	94809	53.512	ug/l	99
44) Trichloroethene	8.941	130	61688	52.498	ug/l	98
45) 1,2-Dichloropropane	9.216	63	59879	53.162	ug/l	99
46) Dibromomethane	9.301	93	35556	55.410	ug/l	99
47) Bromodichloromethane	9.496	83	81753	54.064	ug/l	99
48) Methyl methacrylate	9.295	41	45068	55.206	ug/l	98
49) 1,4-Dioxane	9.295	88	9872	1190.051	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	272062	283.088	ug/l	100
52) Toluene	10.246	92	146186	54.388	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	84769	53.444	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	96680	53.853	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	48800	54.607	ug/l	98
56) Ethyl methacrylate	10.508	69	68061	57.118	ug/l	97
57) 1,3-Dichloropropane	10.789	76	82936	54.488	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	162872	260.374	ug/l	99
59) 2-Hexanone	10.831	43	194560	278.550	ug/l	100
60) Dibromochloromethane	10.984	129	59405	54.609	ug/l	99
61) 1,2-Dibromoethane	11.087	107	46803	54.369	ug/l	100
64) Tetrachloroethene	10.721	164	53572	52.483	ug/l	99
65) Chlorobenzene	11.514	112	155001	52.678	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	58863	54.063	ug/l	100
67) Ethyl Benzene	11.593	91	274555	53.072	ug/l	98
68) m/p-Xylenes	11.703	106	212916	106.987	ug/l	99
69) o-Xylene	12.032	106	100444	54.079	ug/l	97
70) Styrene	12.044	104	172034	55.504	ug/l	99
71) Bromoform	12.209	173	39909	56.218	ug/l #	97
73) Isopropylbenzene	12.331	105	265431	51.968	ug/l	99
74) N-amyl acetate	12.142	43	82950	51.617	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	62327	54.285	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	47435m	55.117	ug/l	
77) Bromobenzene	12.611	156	64032	51.606	ug/l	98
78) n-propylbenzene	12.672	91	327374	51.988	ug/l	100
79) 2-Chlorotoluene	12.758	91	180937	51.699	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	218678	51.880	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	21507	51.780	ug/l	98
82) 4-Chlorotoluene	12.855	91	189144	52.209	ug/l	98
83) tert-Butylbenzene	13.075	119	191176	52.548	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	214839	52.123	ug/l	100
85) sec-Butylbenzene	13.251	105	285747	51.484	ug/l	99
86) p-Isopropyltoluene	13.367	119	233853	51.553	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	123569	51.636	ug/l	100
88) 1,4-Dichlorobenzene	13.447	146	123299	50.483	ug/l	99
89) n-Butylbenzene	13.697	91	216786	49.922	ug/l	100
90) Hexachloroethane	13.959	117	46630	49.356	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	110977	51.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9634	51.919	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	62607	47.005	ug/l	99
94) Hexachlorobutadiene	15.111	225	36396	44.802	ug/l	100
95) Naphthalene	15.239	128	131408	49.233	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	55589	46.927	ug/l	99

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

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