

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012529.D
 Acq On : 07 Feb 2023 19:20
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 01:49:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	142180	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	214562	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	201777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107799	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	95747	52.958	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.920%			
35) Dibromofluoromethane	7.716	113	82084	52.531	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.060%			
50) Toluene-d8	10.179	98	336256	51.701	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.400%			
62) 4-Bromofluorobenzene	12.483	95	115876	51.079	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49492	49.211	ug/l	99
3) Chloromethane	2.113	50	51656	46.630	ug/l	97
4) Vinyl Chloride	2.253	62	64047	46.406	ug/l	98
5) Bromomethane	2.649	94	51032	50.692	ug/l	99
6) Chloroethane	2.796	64	43971	45.772	ug/l	100
7) Trichlorofluoromethane	3.125	101	131476	46.347	ug/l	100
8) Diethyl Ether	3.527	74	42193	50.160	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	68205	47.612	ug/l	100
10) Methyl Iodide	4.094	142	85958	46.286	ug/l	100
11) Tert butyl alcohol	4.948	59	40082	228.843	ug/l	97
12) 1,1-Dichloroethene	3.869	96	66786	47.184	ug/l	95
13) Acrolein	3.728	56	55489	261.067	ug/l	98
14) Allyl chloride	4.478	41	84491	48.958	ug/l	98
15) Acrylonitrile	5.161	53	105819	272.674	ug/l	100
16) Acetone	3.942	43	92159	211.784	ug/l	98
17) Carbon Disulfide	4.192	76	161857	44.087	ug/l	99
18) Methyl Acetate	4.478	43	53692	51.334	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	217470	52.506	ug/l	100
20) Methylene Chloride	4.716	84	87412	54.118	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	74033	47.959	ug/l	96
22) Diisopropyl ether	6.118	45	180339	51.391	ug/l	96
23) Vinyl Acetate	6.057	43	571810	270.299	ug/l	99
24) 1,1-Dichloroethane	6.015	63	122310	48.756	ug/l	99
25) 2-Butanone	6.984	43	119875	248.286	ug/l	97
26) 2,2-Dichloropropane	6.978	77	128993	46.801	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	89064	49.718	ug/l	100
28) Bromochloromethane	7.331	49	53222	58.365	ug/l	97
29) Tetrahydrofuran	7.344	42	72207	276.639	ug/l	99
30) Chloroform	7.502	83	148278	49.025	ug/l	100
31) Cyclohexane	7.783	56	93544	44.750	ug/l	95
32) 1,1,1-Trichloroethane	7.703	97	142765	48.643	ug/l	100
36) 1,1-Dichloropropene	7.917	75	97362	46.039	ug/l	100
37) Ethyl Acetate	7.069	43	50093	52.494	ug/l	99
38) Carbon Tetrachloride	7.898	117	132706	46.747	ug/l	97
39) Methylcyclohexane	9.185	83	117702	46.253	ug/l	99
40) Benzene	8.161	78	295529	47.313	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	27368m	52.349	ug/l	
42) 1,2-Dichloroethane	8.240	62	100210	49.498	ug/l	100
43) Isopropyl Acetate	8.270	43	94782	53.571	ug/l	99
44) Trichloroethene	8.941	130	91411	48.075	ug/l	97
45) 1,2-Dichloropropane	9.215	63	66768	49.297	ug/l	99
46) Dibromomethane	9.307	93	44707	49.851	ug/l	100
47) Bromodichloromethane	9.496	83	116079	49.920	ug/l	100
48) Methyl methacrylate	9.288	41	44033	54.448	ug/l	99
49) 1,4-Dioxane	9.295	88	13574	1096.446	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	263751	276.301	ug/l	100
52) Toluene	10.246	92	202962	47.916	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	118209	50.450	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	125240	49.392	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	65785	50.202	ug/l	97
56) Ethyl methacrylate	10.508	69	89848	54.574	ug/l	99
57) 1,3-Dichloropropane	10.788	76	107138	50.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	212922	287.734	ug/l	100
59) 2-Hexanone	10.831	43	191900	266.015	ug/l	100
60) Dibromochloromethane	10.983	129	89676	51.338	ug/l	99
61) 1,2-Dibromoethane	11.087	107	63318	51.570	ug/l	99
64) Tetrachloroethene	10.721	164	104617	49.663	ug/l	97
65) Chlorobenzene	11.514	112	226307	47.287	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	90844	48.439	ug/l	98
67) Ethyl Benzene	11.593	91	395745	47.102	ug/l	99
68) m/p-Xylenes	11.703	106	315783	94.160	ug/l	100
69) o-Xylene	12.026	106	154213	48.284	ug/l	99
70) Styrene	12.044	104	263275	48.605	ug/l	100
71) Bromoform	12.209	173	61132	51.570	ug/l #	99
73) Isopropylbenzene	12.331	105	413037	47.358	ug/l	99
74) N-amyl acetate	12.142	43	83347	52.792	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	70362	49.894	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	62826m	52.165	ug/l	
77) Bromobenzene	12.611	156	100420	47.504	ug/l	100
78) n-propylbenzene	12.672	91	474114	47.230	ug/l	99
79) 2-Chlorotoluene	12.757	91	269777	47.340	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	360411	48.004	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	27021	50.594	ug/l	99
82) 4-Chlorotoluene	12.855	91	277590	46.436	ug/l	99
83) tert-Butylbenzene	13.074	119	313768	47.657	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	354882	48.038	ug/l	99
85) sec-Butylbenzene	13.251	105	444239	47.165	ug/l	100
86) p-Isopropyltoluene	13.367	119	387299	47.399	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	197671	46.997	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	195726	46.457	ug/l	99
89) n-Butylbenzene	13.696	91	329055	47.119	ug/l	100
90) Hexachloroethane	13.958	117	70402	46.941	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	179361	47.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	14658	52.231	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	110717	47.225	ug/l	100
94) Hexachlorobutadiene	15.111	225	65608	45.047	ug/l	100
95) Naphthalene	15.239	128	231703	51.483	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	94819	46.724	ug/l	100

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

