

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012513.D
 Acq On : 07 Feb 2023 11:46
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Feb 07 21:49:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 21:44:35 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	147712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	221041	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	202434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	107504	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	189474	100.873	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 201.740%#			
35) Dibromofluoromethane	7.716	113	163894	101.813	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 203.620%#			
50) Toluene-d8	10.179	98	675762	100.856	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 201.720%#			
62) 4-Bromofluorobenzene	12.483	95	230282	98.534	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 197.060%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	98791	98.054	ug/l	100
3) Chloromethane	2.113	50	102597	89.146	ug/l	99
4) Vinyl Chloride	2.253	62	129867	90.572	ug/l	100
5) Bromomethane	2.644	94	101586	99.935	ug/l	98
6) Chloroethane	2.790	64	92072	92.254	ug/l	99
7) Trichlorofluoromethane	3.125	101	273034	92.643	ug/l	99
8) Diethyl Ether	3.527	74	86318	98.773	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	140149	94.170	ug/l	100
10) Methyl Iodide	4.094	142	202057	104.728	ug/l	100
11) Tert butyl alcohol	4.954	59	84865	476.140	ug/l	99
12) 1,1-Dichloroethene	3.875	96	139392	94.792	ug/l	94
13) Acrolein	3.729	56	112118	507.742	ug/l	98
14) Allyl chloride	4.479	41	177740	99.133	ug/l	99
15) Acrylonitrile	5.161	53	207062	513.574	ug/l	100
16) Acetone	3.942	43	249025	550.834	ug/l	98
17) Carbon Disulfide	4.198	76	341912	89.643	ug/l	99
18) Methyl Acetate	4.479	43	106772	98.260	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	442010	102.722	ug/l	100
20) Methylene Chloride	4.716	84	159602	98.599	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	153198	95.526	ug/l	99
22) Diisopropyl ether	6.119	45	357022	97.930	ug/l	96
23) Vinyl Acetate	6.058	43	1143951	520.503	ug/l	100
24) 1,1-Dichloroethane	6.021	63	251475	96.491	ug/l	99
25) 2-Butanone	6.984	43	265071	528.457	ug/l	99
26) 2,2-Dichloropropane	6.978	77	274421	95.836	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	181370	97.453	ug/l	100
28) Bromochloromethane	7.338	49	101150	106.770	ug/l	96
29) Tetrahydrofuran	7.344	42	140585	518.437	ug/l	99
30) Chloroform	7.508	83	300221	95.545	ug/l	96
31) Cyclohexane	7.783	56	192511	88.645	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	294276	96.511	ug/l	99
36) 1,1-Dichloropropene	7.917	75	204066	93.666	ug/l	100
37) Ethyl Acetate	7.070	43	97228	98.902	ug/l	99
38) Carbon Tetrachloride	7.899	117	273576	93.546	ug/l	97
39) Methylcyclohexane	9.185	83	247045	94.235	ug/l	98
40) Benzene	8.161	78	614320	95.468	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	62968m	116.937	ug/l	
42) 1,2-Dichloroethane	8.234	62	202133	96.916	ug/l	100
43) Isopropyl Acetate	8.271	43	189332	103.874	ug/l	98
44) Trichloroethene	8.941	130	185470	94.684	ug/l	99
45) 1,2-Dichloropropane	9.216	63	133867	95.941	ug/l	98
46) Dibromomethane	9.307	93	90045	97.463	ug/l	98
47) Bromodichloromethane	9.496	83	234011	97.688	ug/l	100
48) Methyl methacrylate	9.295	41	85664	102.820	ug/l	97
49) 1,4-Dioxane	9.301	88	26292	2061.498	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	523632	532.470	ug/l	99
52) Toluene	10.246	92	416213	95.381	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	241973	100.243	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	254864	97.567	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	131611	97.492	ug/l	99
56) Ethyl methacrylate	10.508	69	179841	106.034	ug/l	99
57) 1,3-Dichloropropane	10.788	76	213389	97.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	409819	537.580	ug/l	99
59) 2-Hexanone	10.831	43	403238	542.591	ug/l	100
60) Dibromochloromethane	10.983	129	176986	98.352	ug/l	99
61) 1,2-Dibromoethane	11.087	107	125611	99.306	ug/l	100
64) Tetrachloroethene	10.721	164	203541	96.309	ug/l	97
65) Chlorobenzene	11.514	112	464041	96.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	183744	97.657	ug/l	99
67) Ethyl Benzene	11.593	91	827845	98.211	ug/l	99
68) m/p-Xylenes	11.703	106	656555	195.135	ug/l	100
69) o-Xylene	12.026	106	314846	98.259	ug/l	97
70) Styrene	12.044	104	539202	99.223	ug/l	100
71) Bromoform	12.209	173	119419	100.413	ug/l #	99
73) Isopropylbenzene	12.331	105	853658	98.147	ug/l	99
74) N-amyl acetate	12.142	43	169732	107.803	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	138001	98.125	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	115374m	95.822	ug/l	
77) Bromobenzene	12.611	156	203277	96.426	ug/l	99
78) n-propylbenzene	12.672	91	983594	98.251	ug/l	99
79) 2-Chlorotoluene	12.758	91	557812	98.153	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	732114	97.780	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	54653	102.613	ug/l	99
82) 4-Chlorotoluene	12.855	91	582846	97.767	ug/l	99
83) tert-Butylbenzene	13.075	119	638888	97.305	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	723032	98.141	ug/l	99
85) sec-Butylbenzene	13.251	105	916420	97.563	ug/l	100
86) p-Isopropyltoluene	13.367	119	806533	98.976	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	403732	96.252	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	400834	95.401	ug/l	99
89) n-Butylbenzene	13.696	91	691422	99.280	ug/l	100
90) Hexachloroethane	13.959	117	141734	94.761	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	359683	95.322	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28926	103.355	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	238515	102.015	ug/l	100
94) Hexachlorobutadiene	15.111	225	137018	94.336	ug/l	99
95) Naphthalene	15.233	128	491832	109.582	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	207067	102.316	ug/l	100

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

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