

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020723\
 Data File : VY012516.D
 Acq On : 07 Feb 2023 13:41
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY020723

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/01/2023
 Supervised By :Mahesh Dadoda 03/01/2023

Quant Time: Feb 08 09:07:14 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	158759	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	234604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	211995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	109872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	99510	49.291	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.580%		
35) Dibromofluoromethane	7.716	113	88326	51.697	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.400%		
50) Toluene-d8	10.179	98	365097	51.340	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	102.680%		
62) 4-Bromofluorobenzene	12.483	95	123375	49.738	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.480%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53928	47.930	ug/l	100
3) Chloromethane	2.119	50	57412	46.414	ug/l	98
4) Vinyl Chloride	2.253	62	71633	46.482	ug/l	95
5) Bromomethane	2.656	94	58415	52.043	ug/l	95
6) Chloroethane	2.796	64	49124	45.796	ug/l	97
7) Trichlorofluoromethane	3.131	101	147250	46.486	ug/l	98
8) Diethyl Ether	3.534	74	45522	48.466	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.899	101	76718	47.962	ug/l	100
10) Methyl Iodide	4.094	142	94823	45.728	ug/l	99
11) Tert butyl alcohol	4.954	59	42863	218.768	ug/l	100
12) 1,1-Dichloroethene	3.875	96	75355	47.679	ug/l	99
13) Acrolein	3.735	56	56206	236.825	ug/l	98
14) Allyl chloride	4.479	41	96520	50.087	ug/l	96
15) Acrylonitrile	5.161	53	106190	245.055	ug/l	99
16) Acetone	3.948	43	128420	264.294	ug/l	95
17) Carbon Disulfide	4.198	76	186231	45.429	ug/l	100
18) Methyl Acetate	4.479	43	54654	46.797	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	229157	49.550	ug/l	99
20) Methylene Chloride	4.716	84	88376	48.565	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	83324	48.341	ug/l	97
22) Diisopropyl ether	6.119	45	200473	51.163	ug/l	95
23) Vinyl Acetate	6.058	43	612528	259.310	ug/l	100
24) 1,1-Dichloroethane	6.021	63	138020	49.273	ug/l	99
25) 2-Butanone	6.984	43	135716	251.742	ug/l	99
26) 2,2-Dichloropropane	6.984	77	147835	48.036	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	97168	48.577	ug/l	98
28) Bromochloromethane	7.332	49	55624	54.629	ug/l	96
29) Tetrahydrofuran	7.344	42	72461	248.621	ug/l	99
30) Chloroform	7.508	83	161096	47.701	ug/l	99
31) Cyclohexane	7.783	56	109773	47.030	ug/l	99
32) 1,1,1-Trichloroethane	7.704	97	158333	48.314	ug/l	100
36) 1,1-Dichloropropene	7.917	75	109703	47.443	ug/l	99
37) Ethyl Acetate	7.076	43	50841	48.727	ug/l	99
38) Carbon Tetrachloride	7.899	117	147827	47.625	ug/l	98
39) Methylcyclohexane	9.185	83	135414	48.667	ug/l	100
40) Benzene	8.161	78	331108	48.481	ug/l	97

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41) Methacrylonitrile	7.326	41	32400m	56.680	ug/l	
42) 1,2-Dichloroethane	8.234	62	105143	47.498	ug/l	100
43) Isopropyl Acetate	8.271	43	96630	49.950	ug/l	99
44) Trichloroethene	8.941	130	99270	47.748	ug/l	96
45) 1,2-Dichloropropane	9.216	63	73959	49.941	ug/l	99
46) Dibromomethane	9.307	93	47325	48.262	ug/l	98
47) Bromodichloromethane	9.496	83	122751	48.280	ug/l	94
48) Methyl methacrylate	9.295	41	44723	50.576	ug/l	98
49) 1,4-Dioxane	9.301	88	13220	976.626	ug/l	97
51) 4-Methyl-2-Pentanone	10.069	43	263550	252.504	ug/l	99
52) Toluene	10.246	92	222413	48.023	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	125287	48.902	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	135495	48.871	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	69307	48.372	ug/l	96
56) Ethyl methacrylate	10.508	69	91939	51.073	ug/l	99
57) 1,3-Dichloropropane	10.788	76	113356	49.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	205137	253.532	ug/l	99
59) 2-Hexanone	10.831	43	202361	256.552	ug/l	99
60) Dibromochloromethane	10.983	129	92453	48.406	ug/l	99
61) 1,2-Dibromoethane	11.087	107	65089	48.483	ug/l	98
64) Tetrachloroethene	10.721	164	108213	48.894	ug/l	99
65) Chlorobenzene	11.520	112	245491	48.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	97338	49.400	ug/l	99
67) Ethyl Benzene	11.593	91	438783	49.707	ug/l	98
68) m/p-Xylenes	11.703	106	345230	97.978	ug/l	99
69) o-Xylene	12.032	106	166380	49.583	ug/l	98
70) Styrene	12.044	104	281490	49.463	ug/l	99
71) Bromoform	12.209	173	61053	49.021	ug/l #	100
73) Isopropylbenzene	12.331	105	458216	51.547	ug/l	100
74) N-amyl acetate	12.142	43	84953	52.794	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	72416	50.381	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	63312m	51.577	ug/l	
77) Bromobenzene	12.611	156	107601	49.941	ug/l	99
78) n-propylbenzene	12.672	91	518388	50.666	ug/l	100
79) 2-Chlorotoluene	12.758	91	293686	50.564	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	387958	50.698	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	27992	51.423	ug/l	99
82) 4-Chlorotoluene	12.855	91	302581	49.662	ug/l	100
83) tert-Butylbenzene	13.075	119	352473	52.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	385766	51.234	ug/l	99
85) sec-Butylbenzene	13.257	105	495898	51.656	ug/l	99
86) p-Isopropyltoluene	13.373	119	430101	51.644	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	213032	49.694	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	211251	49.195	ug/l	99
89) n-Butylbenzene	13.696	91	370700	52.081	ug/l	99
90) Hexachloroethane	13.965	117	77415	50.643	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	191951	49.774	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	14256	49.840	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	124650	52.165	ug/l	99
94) Hexachlorobutadiene	15.111	225	74420	50.133	ug/l	100
95) Naphthalene	15.239	128	245558	53.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	107364	51.907	ug/l	100

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

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