

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040723\
 Data File : VY013226.D
 Acq On : 07 Apr 2023 19:40
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY040723

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/10/2023
 Supervised By :Mahesh Dadoda 04/10/2023

Quant Time: Apr 10 01:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040723S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 10 01:29:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	80328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	124626	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	114374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	62292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	51610	49.569	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.140%		
35) Dibromofluoromethane	7.710	113	42239	48.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.720%		
50) Toluene-d8	10.179	98	157684	50.891	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.780%		
62) 4-Bromofluorobenzene	12.477	95	55582	51.969	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	35456	46.280	ug/l	100
3) Chloromethane	2.107	50	48149	48.762	ug/l	99
4) Vinyl Chloride	2.247	62	46430	51.126	ug/l	99
5) Bromomethane	2.643	94	30575	54.984	ug/l	95
6) Chloroethane	2.790	64	33475	48.111	ug/l	100
7) Trichlorofluoromethane	3.119	101	67817	48.878	ug/l	97
8) Diethyl Ether	3.527	74	24420	47.522	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	39163	47.307	ug/l	98
10) Methyl Iodide	4.088	142	50564	54.141	ug/l	95
11) Tert butyl alcohol	4.948	59	40516	220.853	ug/l	96
12) 1,1-Dichloroethene	3.863	96	35702	47.381	ug/l	97
13) Acrolein	3.723	56	21871	231.217	ug/l	99
14) Allyl chloride	4.472	41	74557	48.205	ug/l	92
15) Acrylonitrile	5.155	53	82838	254.773	ug/l	99
16) Acetone	3.942	43	90799	241.975	ug/l	95
17) Carbon Disulfide	4.186	76	103875	47.265	ug/l	99
18) Methyl Acetate	4.472	43	62795	49.879	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	131976	51.726	ug/l	99
20) Methylene Chloride	4.710	84	48606	50.421	ug/l	93
21) trans-1,2-Dichloroethene	5.210	96	43467	48.923	ug/l	95
22) Diisopropyl ether	6.112	45	170661	53.086	ug/l	94
23) Vinyl Acetate	6.051	43	541699	267.962	ug/l	98
24) 1,1-Dichloroethane	6.009	63	82800	48.319	ug/l	98
25) 2-Butanone	6.978	43	130031	252.810	ug/l	91
26) 2,2-Dichloropropane	6.978	77	75706	47.800	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	51157	50.593	ug/l	96
28) Bromochloromethane	7.326	49	40464	51.125	ug/l	94
29) Tetrahydrofuran	7.338	42	82963	268.156	ug/l	97
30) Chloroform	7.502	83	87259	49.634	ug/l	98
31) Cyclohexane	7.783	56	67618	46.547	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	77397	49.525	ug/l	97
36) 1,1-Dichloropropene	7.911	75	62948	49.120	ug/l	98
37) Ethyl Acetate	7.070	43	55206	51.332	ug/l	97
38) Carbon Tetrachloride	7.899	117	71113	48.428	ug/l	99
39) Methylcyclohexane	9.179	83	70555	49.497	ug/l	94
40) Benzene	8.155	78	187633	49.539	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	22389m	55.109	ug/l	
42) 1,2-Dichloroethane	8.234	62	66532	50.521	ug/l	97
43) Isopropyl Acetate	8.271	43	97867	51.826	ug/l	95
44) Trichloroethene	8.935	130	46585	47.838	ug/l	96
45) 1,2-Dichloropropane	9.215	63	48548	48.929	ug/l	95
46) Dibromomethane	9.301	93	29926	49.544	ug/l	97
47) Bromodichloromethane	9.490	83	69520	49.260	ug/l	99
48) Methyl methacrylate	9.289	41	43397	52.406	ug/l	91
49) 1,4-Dioxane	9.295	88	9075	1121.918	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	284258	268.641	ug/l	97
52) Toluene	10.240	92	118692	51.547	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	73687	49.875	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	78727	49.556	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	40020	49.063	ug/l	99
56) Ethyl methacrylate	10.508	69	60296	54.122	ug/l	92
57) 1,3-Dichloropropane	10.788	76	69216	49.232	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	138128	262.148	ug/l	99
59) 2-Hexanone	10.825	43	206665	270.952	ug/l	96
60) Dibromochloromethane	10.977	129	50584	49.983	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39835	50.538	ug/l	99
64) Tetrachloroethene	10.715	164	41343	47.952	ug/l	99
65) Chlorobenzene	11.514	112	129362	49.682	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	50672	49.811	ug/l	98
67) Ethyl Benzene	11.587	91	229834	51.253	ug/l	98
68) m/p-Xylenes	11.697	106	176616	102.979	ug/l	99
69) o-Xylene	12.026	106	83883	52.305	ug/l	98
70) Styrene	12.038	104	144788	52.671	ug/l	98
71) Bromoform	12.203	173	35558	50.241	ug/l #	100
73) Isopropylbenzene	12.325	105	225243	49.754	ug/l	100
74) N-amyl acetate	12.142	43	88075	52.640	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56242	48.737	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	40871m	48.384	ug/l	
77) Bromobenzene	12.605	156	54780	48.319	ug/l	98
78) n-propylbenzene	12.666	91	278274	50.108	ug/l	100
79) 2-Chlorotoluene	12.751	91	155983	49.328	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	191128	50.979	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.373	75	20476	49.759	ug/l	94
82) 4-Chlorotoluene	12.855	91	165040	50.039	ug/l	99
83) tert-Butylbenzene	13.075	119	168876	51.128	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	186741	51.010	ug/l	100
85) sec-Butylbenzene	13.251	105	247147	50.863	ug/l	99
86) p-Isopropyltoluene	13.367	119	207746	51.483	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	110089	49.264	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	109253	48.070	ug/l	98
89) n-Butylbenzene	13.696	91	193841	50.692	ug/l	99
90) Hexachloroethane	13.959	117	40756	47.523	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	100431	48.965	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10121	47.156	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	60576	49.344	ug/l	98
94) Hexachlorobutadiene	15.111	225	33997	46.197	ug/l	98
95) Naphthalene	15.233	128	140678	51.908	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	56522	49.517	ug/l	99

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

