

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041223\
 Data File : VY013266.D
 Acq On : 12 Apr 2023 14:19
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY041223

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/19/2023
 Supervised By :Mahesh Dadoda 04/19/2023

Quant Time: Apr 13 05:40:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:34:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	264591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	407340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	362462	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	179713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	156348	49.170	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.340%		
35) Dibromofluoromethane	7.716	113	135028	51.203	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	102.400%		
50) Toluene-d8	10.179	98	508371	51.792	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.580%		
62) 4-Bromofluorobenzene	12.477	95	167379	52.482	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.960%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	122956	51.633	ug/l	98
3) Chloromethane	2.107	50	151863	50.903	ug/l	99
4) Vinyl Chloride	2.247	62	147671	52.207	ug/l	98
5) Bromomethane	2.650	94	107339	49.486	ug/l	93
6) Chloroethane	2.790	64	96863	50.778	ug/l	97
7) Trichlorofluoromethane	3.125	101	224928	51.091	ug/l	99
8) Diethyl Ether	3.527	74	77409	48.395	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.893	101	130092	50.285	ug/l	96
10) Methyl Iodide	4.082	142	175533	55.315	ug/l	95
11) Tert butyl alcohol	4.972	59	85700m	220.700	ug/l	
12) 1,1-Dichloroethene	3.869	96	126921	50.977	ug/l	96
13) Acrolein	3.729	56	88808	227.353	ug/l	98
14) Allyl chloride	4.472	41	250967	52.768	ug/l	94
15) Acrylonitrile	5.155	53	223053	242.677	ug/l	99
16) Acetone	3.948	43	274714	251.271	ug/l	96
17) Carbon Disulfide	4.186	76	419487	51.176	ug/l	100
18) Methyl Acetate	4.472	43	171149	48.402	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	388173	52.046	ug/l	99
20) Methylene Chloride	4.704	84	152126	52.931	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	144275	50.762	ug/l	95
22) Diisopropyl ether	6.112	45	491579	52.445	ug/l	96
23) Vinyl Acetate	6.051	43	1549451	261.493	ug/l	98
24) 1,1-Dichloroethane	6.009	63	266163	50.835	ug/l	96
25) 2-Butanone	6.984	43	339682	242.655	ug/l	96
26) 2,2-Dichloropropane	6.972	77	237734	50.609	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	159710	51.678	ug/l	97
28) Bromochloromethane	7.332	49	103868	49.776	ug/l	97
29) Tetrahydrofuran	7.344	42	212422	249.846	ug/l	98
30) Chloroform	7.496	83	266609	50.318	ug/l	98
31) Cyclohexane	7.783	56	242467	50.430	ug/l	94
32) 1,1,1-Trichloroethane	7.697	97	242787	50.651	ug/l	98
36) 1,1-Dichloropropene	7.911	75	207991	52.062	ug/l	100
37) Ethyl Acetate	7.070	43	160094	49.714	ug/l #	94
38) Carbon Tetrachloride	7.899	117	224393	50.797	ug/l	96
39) Methylcyclohexane	9.179	83	249880	53.804	ug/l	98
40) Benzene	8.155	78	593053	51.290	ug/l	98

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41) Methacrylonitrile	7.313	41	69140m	50.353	ug/l	
42) 1,2-Dichloroethane	8.234	62	196112	50.025	ug/l	97
43) Isopropyl Acetate	8.271	43	267173	49.949	ug/l	97
44) Trichloroethene	8.935	130	153839	51.648	ug/l	95
45) 1,2-Dichloropropane	9.209	63	151973	50.639	ug/l	100
46) Dibromomethane	9.301	93	90628	50.176	ug/l	98
47) Bromodichloromethane	9.490	83	206967	50.124	ug/l	97
48) Methyl methacrylate	9.289	41	127514	51.899	ug/l	96
49) 1,4-Dioxane	9.313	88	24714	1009.891	ug/l #	75
51) 4-Methyl-2-Pentanone	10.069	43	731514	251.290	ug/l	97
52) Toluene	10.240	92	360382	51.616	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	223159	51.607	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	244778	51.624	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	117039	49.144	ug/l	98
56) Ethyl methacrylate	10.508	69	175499	53.820	ug/l	94
57) 1,3-Dichloropropane	10.788	76	205341	50.695	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	323284	237.435	ug/l	96
59) 2-Hexanone	10.831	43	543564	256.803	ug/l	97
60) Dibromochloromethane	10.983	129	149501	50.064	ug/l	98
61) 1,2-Dibromoethane	11.087	107	119460	51.512	ug/l	98
64) Tetrachloroethene	10.721	164	131815	51.548	ug/l	97
65) Chlorobenzene	11.514	112	382890	50.497	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	146716	51.562	ug/l	100
67) Ethyl Benzene	11.593	91	696601	52.749	ug/l	100
68) m/p-Xylenes	11.703	106	540011	106.875	ug/l	99
69) o-Xylene	12.026	106	252942	54.052	ug/l	100
70) Styrene	12.044	104	424971	53.769	ug/l	98
71) Bromoform	12.209	173	100565	51.016	ug/l #	98
73) Isopropylbenzene	12.331	105	663132	53.795	ug/l	99
74) N-amyl acetate	12.142	43	229617	52.211	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	148489	48.761	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	112867m	50.229	ug/l	
77) Bromobenzene	12.605	156	160607	52.100	ug/l	98
78) n-propylbenzene	12.672	91	821815	53.980	ug/l	100
79) 2-Chlorotoluene	12.758	91	456359	53.252	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	560608	54.294	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	54237	50.268	ug/l	94
82) 4-Chlorotoluene	12.855	91	473479	52.407	ug/l	99
83) tert-Butylbenzene	13.075	119	484539	54.689	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	550898	54.821	ug/l	97
85) sec-Butylbenzene	13.251	105	713163	53.826	ug/l	99
86) p-Isopropyltoluene	13.367	119	601275	55.304	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	311553	52.430	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	306875	51.104	ug/l	99
89) n-Butylbenzene	13.696	91	565792	54.410	ug/l	98
90) Hexachloroethane	13.959	117	117312	51.749	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	281181	52.001	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27935	50.515	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	176681	54.976	ug/l	99
94) Hexachlorobutadiene	15.111	225	102960	54.104	ug/l	99
95) Naphthalene	15.239	128	390089	49.533	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	159729	54.554	ug/l	99

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

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