

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051723\
 Data File : VY013774.D
 Acq On : 17 May 2023 13:45
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY051723

Quant Time: May 18 06:57:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/18/2023
 Supervised By :Mahesh Dadoda 05/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	265150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	419409	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	375632	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	180591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	150010	48.702	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.400%		
35) Dibromofluoromethane	7.716	113	134759	50.106	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.220%		
50) Toluene-d8	10.179	98	515273	50.536	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.080%		
62) 4-Bromofluorobenzene	12.477	95	174963	51.661	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.320%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	91568	48.099	ug/l	99
3) Chloromethane	2.113	50	140711	48.753	ug/l	99
4) Vinyl Chloride	2.253	62	142539	49.459	ug/l	100
5) Bromomethane	2.656	94	114606	44.845	ug/l	98
6) Chloroethane	2.796	64	98208	49.576	ug/l	94
7) Trichlorofluoromethane	3.131	101	201905	48.136	ug/l	99
8) Diethyl Ether	3.528	74	68196	48.589	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.906	101	118720	48.362	ug/l	98
10) Methyl Iodide	4.088	142	138711	51.431	ug/l	99
11) Tert butyl alcohol	4.966	59	74060	296.805	ug/l #	84
12) 1,1-Dichloroethene	3.875	96	108600	48.807	ug/l	96
13) Acrolein	3.729	56	104303	233.987	ug/l	99
14) Allyl chloride	4.479	41	221235	50.474	ug/l	99
15) Acrylonitrile	5.161	53	199438	242.307	ug/l	100
16) Acetone	3.954	43	237658	255.740	ug/l	98
17) Carbon Disulfide	4.192	76	304001	47.546	ug/l	97
18) Methyl Acetate	4.473	43	152125	46.955	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	342530	50.739	ug/l	99
20) Methylene Chloride	4.710	84	149643	53.891	ug/l	98
21) trans-1,2-Dichloroethene	5.216	96	123980	49.484	ug/l	94
22) Diisopropyl ether	6.119	45	488603	52.405	ug/l	98
23) Vinyl Acetate	6.058	43	1428480	264.767	ug/l	100
24) 1,1-Dichloroethane	6.015	63	254575	49.948	ug/l	100
25) 2-Butanone	6.984	43	308721	255.555	ug/l	98
26) 2,2-Dichloropropane	6.978	77	223557	51.350	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	149766	50.729	ug/l	97
28) Bromochloromethane	7.332	49	83310	46.716	ug/l	100
29) Tetrahydrofuran	7.350	42	180541	249.771	ug/l	99
30) Chloroform	7.503	83	255683	49.782	ug/l	95
31) Cyclohexane	7.783	56	206824	46.833	ug/l	100
32) 1,1,1-Trichloroethane	7.698	97	218783	49.903	ug/l	99
36) 1,1-Dichloropropene	7.917	75	184261	49.585	ug/l	99
37) Ethyl Acetate	7.070	43	127897	50.035	ug/l	99
38) Carbon Tetrachloride	7.899	117	192426	49.085	ug/l	95
39) Methylcyclohexane	9.179	83	211475	50.069	ug/l	98
40) Benzene	8.161	78	535635	49.601	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	66957	52.712	ug/l #	81
42) 1,2-Dichloroethane	8.234	62	172145	49.337	ug/l	100
43) Isopropyl Acetate	8.271	43	234018	50.440	ug/l	100
44) Trichloroethene	8.935	130	138785	49.163	ug/l	98
45) 1,2-Dichloropropane	9.216	63	150588	50.747	ug/l	98
46) Dibromomethane	9.301	93	81142	48.824	ug/l	99
47) Bromodichloromethane	9.490	83	197667	50.223	ug/l	98
48) Methyl methacrylate	9.289	41	109922	51.578	ug/l	98
49) 1,4-Dioxane	9.307	88	20754	1017.494	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	647935	250.787	ug/l	99
52) Toluene	10.240	92	332276	50.755	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	206299	50.838	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	230835	50.983	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	112886	49.941	ug/l	99
56) Ethyl methacrylate	10.508	69	159297	52.808	ug/l	99
57) 1,3-Dichloropropane	10.789	76	194427	49.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	244924	224.110	ug/l	99
59) 2-Hexanone	10.831	43	477372	259.939	ug/l	99
60) Dibromochloromethane	10.984	129	135411	49.439	ug/l	98
61) 1,2-Dibromoethane	11.087	107	107299	50.340	ug/l	98
64) Tetrachloroethene	10.715	164	113818	47.765	ug/l	98
65) Chlorobenzene	11.514	112	353537	49.725	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	134731	48.770	ug/l	98
67) Ethyl Benzene	11.593	91	647102	51.219	ug/l	99
68) m/p-Xylenes	11.703	106	485578	102.615	ug/l	99
69) o-Xylene	12.026	106	233004	51.762	ug/l	99
70) Styrene	12.044	104	397027	51.930	ug/l	100
71) Bromoform	12.209	173	92319	50.584	ug/l #	97
73) Isopropylbenzene	12.331	105	626886	51.275	ug/l	100
74) N-amyl acetate	12.142	43	213581	51.478	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	144334	49.835	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	101355m	46.373	ug/l	
77) Bromobenzene	12.605	156	147395	49.977	ug/l	99
78) n-propylbenzene	12.672	91	778209	51.673	ug/l	99
79) 2-Chlorotoluene	12.758	91	435882	51.282	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	513957	51.555	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	50026	50.959	ug/l	99
82) 4-Chlorotoluene	12.855	91	451522	50.997	ug/l	100
83) tert-Butylbenzene	13.075	119	455258	52.440	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	508327	52.025	ug/l	99
85) sec-Butylbenzene	13.251	105	682145	52.077	ug/l	99
86) p-Isopropyltoluene	13.367	119	552721	52.256	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	289490	50.421	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	287792	49.850	ug/l	99
89) n-Butylbenzene	13.697	91	544232	52.482	ug/l	100
90) Hexachloroethane	13.959	117	109841	49.143	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	259072	50.672	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	22432	47.801	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	155408	51.222	ug/l	100
94) Hexachlorobutadiene	15.111	225	93059	49.375	ug/l	98
95) Naphthalene	15.239	128	319984	53.139	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	139102	50.958	ug/l	100

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

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