

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060623\
 Data File : VY014025.D
 Acq On : 06 Jun 2023 13:05
 Operator : KP/MD
 Sample : VY0606SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0606SBS01

Quant Time: Jun 07 01:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	240928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	345861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178114	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	147682	46.305	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.620%		
35) Dibromofluoromethane	7.716	113	120496	50.940	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	101.880%		
50) Toluene-d8	10.179	98	453974	50.314	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.477	95	159925	51.990	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	103.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40161	18.945	ug/l	92
3) Chloromethane	2.113	50	51244	17.453	ug/l	97
4) Vinyl Chloride	2.247	62	48754	17.925	ug/l	91
5) Bromomethane	2.650	94	43550	18.388	ug/l	94
6) Chloroethane	2.790	64	36131	18.561	ug/l	94
7) Trichlorofluoromethane	3.125	101	85638	19.917	ug/l	98
8) Diethyl Ether	3.528	74	29911	17.744	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.893	101	46954	21.257	ug/l	99
10) Methyl Iodide	4.088	142	45907	15.080	ug/l	99
11) Tert butyl alcohol	4.979	59	36688m	55.972	ug/l	
12) 1,1-Dichloroethene	3.869	96	43429	18.752	ug/l	93
13) Acrolein	3.729	56	23282	77.564	ug/l	99
14) Allyl chloride	4.479	41	76408	17.000	ug/l	99
15) Acrylonitrile	5.168	53	80347	85.894	ug/l	99
16) Acetone	3.954	43	81143	74.363	ug/l	100
17) Carbon Disulfide	4.192	76	115663	14.769	ug/l	97
18) Methyl Acetate	4.479	43	64518	16.366	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	134708	17.978	ug/l	100
20) Methylene Chloride	4.710	84	62815	18.789	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	47350	18.050	ug/l	91
22) Diisopropyl ether	6.119	45	167140	19.185	ug/l	99
23) Vinyl Acetate	6.058	43	478383	87.546	ug/l	98
24) 1,1-Dichloroethane	6.015	63	93733	19.275	ug/l	99
25) 2-Butanone	6.990	43	110380	81.199	ug/l	96
26) 2,2-Dichloropropane	6.978	77	86828	19.675	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	56607	18.848	ug/l	99
28) Bromochloromethane	7.332	49	44905	19.553	ug/l	100
29) Tetrahydrofuran	7.350	42	69286	81.963	ug/l	99
30) Chloroform	7.502	83	100920	19.766	ug/l	93
31) Cyclohexane	7.783	56	69260	18.035	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	89293	20.618	ug/l	99
36) 1,1-Dichloropropene	7.917	75	67969	20.169	ug/l	99
37) Ethyl Acetate	7.076	43	47991	16.333	ug/l	99
38) Carbon Tetrachloride	7.899	117	81602	21.608	ug/l	96
39) Methylcyclohexane	9.185	83	70155	19.500	ug/l	96
40) Benzene	8.161	78	206907	19.902	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	24053m	17.712	ug/l	
42) 1,2-Dichloroethane	8.234	62	74465	19.534	ug/l	99
43) Isopropyl Acetate	8.271	43	87557	17.698	ug/l #	89
44) Trichloroethene	8.941	130	54915	20.171	ug/l	94
45) 1,2-Dichloropropane	9.216	63	53800	20.053	ug/l	96
46) Dibromomethane	9.301	93	32818	19.108	ug/l	100
47) Bromodichloromethane	9.496	83	79759	20.614	ug/l	99
48) Methyl methacrylate	9.295	41	39898	17.718	ug/l	99
49) 1,4-Dioxane	9.313	88	8284	331.661	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	246446	88.192	ug/l	99
52) Toluene	10.240	92	130867	20.549	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	82184	19.774	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	86698	19.538	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	44712	19.746	ug/l	98
56) Ethyl methacrylate	10.508	69	58218	17.907	ug/l	98
57) 1,3-Dichloropropane	10.788	76	76368	19.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	89299	73.772	ug/l	99
59) 2-Hexanone	10.831	43	173476	85.733	ug/l	98
60) Dibromochloromethane	10.984	129	58522	20.449	ug/l	100
61) 1,2-Dibromoethane	11.087	107	43768	19.238	ug/l	100
64) Tetrachloroethene	10.715	164	50093	21.141	ug/l	98
65) Chlorobenzene	11.514	112	143264	20.191	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	58177	21.061	ug/l	98
67) Ethyl Benzene	11.593	91	248981	20.272	ug/l	98
68) m/p-Xylenes	11.703	106	193057	41.151	ug/l	99
69) o-Xylene	12.026	106	90316	20.091	ug/l	100
70) Styrene	12.044	104	156220	20.232	ug/l	99
71) Bromoform	12.209	173	40135	19.708	ug/l #	100
73) Isopropylbenzene	12.331	105	237548	20.206	ug/l	100
74) N-amyl acetate	12.142	43	78660	17.440	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	56691	18.451	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	42356m	17.671	ug/l	
77) Bromobenzene	12.605	156	63546	19.995	ug/l	98
78) n-propylbenzene	12.672	91	299335	20.775	ug/l	100
79) 2-Chlorotoluene	12.758	91	172894	20.269	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	211013	20.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20404	18.060	ug/l	98
82) 4-Chlorotoluene	12.855	91	182754	20.372	ug/l	100
83) tert-Butylbenzene	13.075	119	176496	20.918	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	208885	20.756	ug/l	99
85) sec-Butylbenzene	13.251	105	261265	21.294	ug/l	100
86) p-Isopropyltoluene	13.367	119	217543	21.005	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	122612	20.315	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	123707	20.263	ug/l	99
89) n-Butylbenzene	13.696	91	205465	21.025	ug/l	99
90) Hexachloroethane	13.959	117	44725	20.576	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	113240	20.367	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10659	17.986	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	67904	19.867	ug/l	98
94) Hexachlorobutadiene	15.111	225	41245	22.655	ug/l	100
95) Naphthalene	15.233	128	134010	18.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61738	19.832	ug/l	99

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

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