

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031623\
 Data File : VX034555.D
 Acq On : 16 Mar 2023 18:56
 Operator : JC/MD
 Sample : 01903-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20230310MS

Quant Time: Mar 17 06:30:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/17/2023
 Supervised By : Mahesh Dadoda 03/17/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	236460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397209	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	395803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191344	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	203443	59.140	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.280%#			
35) Dibromofluoromethane	5.385	113	150650	57.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.880%			
50) Toluene-d8	8.647	98	566372	57.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 115.700%#			
62) 4-Bromofluorobenzene	11.079	95	228540	57.793	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 115.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	103873	47.121	ug/l	100
3) Chloromethane	1.313	50	147283	43.948	ug/l	100
4) Vinyl Chloride	1.374	62	143070	47.665	ug/l	97
5) Bromomethane	1.599	94	72592	47.933	ug/l	97
6) Chloroethane	1.679	64	84259	48.755	ug/l	99
7) Trichlorofluoromethane	1.880	101	238133	52.799	ug/l	98
8) Diethyl Ether	2.130	74	89510	54.366	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	133808	50.908	ug/l	99
10) Methyl Iodide	2.447	142	173294	50.217	ug/l	96
11) Tert butyl alcohol	2.965	59	199860	278.995	ug/l	99
12) 1,1-Dichloroethene	2.313	96	121977	47.121	ug/l	92
13) Acrolein	2.233	56	190705	336.514	ug/l	100
14) Allyl chloride	2.660	41	239188	45.577	ug/l	99
15) Acrylonitrile	3.062	53	411522	265.933	ug/l	99
16) Acetone	2.380	43	372091	229.626	ug/l	98
17) Carbon Disulfide	2.508	76	281531	38.646	ug/l	99
18) Methyl Acetate	2.703	43	265530	50.150	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	462980	49.952	ug/l	99
20) Methylene Chloride	2.788	84	145823	46.368	ug/l	99
21) trans-1,2-Dichloroethene	3.087	96	131035	47.665	ug/l	98
22) Diisopropyl ether	3.757	45	500263	49.997	ug/l	98
23) Vinyl Acetate	3.721	43	1831858	240.554	ug/l	100
24) 1,1-Dichloroethane	3.605	63	263309	48.954	ug/l	100
25) 2-Butanone	4.556	43	600787	259.117	ug/l	97
26) 2,2-Dichloropropane	4.471	77	189375	40.505	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	160656	48.546	ug/l	99
28) Bromochloromethane	4.897	49	139078	55.610	ug/l	98
29) Tetrahydrofuran	5.001	42	384940	269.056	ug/l	99
30) Chloroform	5.093	83	271344	51.465	ug/l	97
31) Cyclohexane	5.464	56	224780	46.592	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	230666	49.420	ug/l	99
36) 1,1-Dichloropropene	5.690	75	191559	47.556	ug/l	99
37) Ethyl Acetate	4.715	43	219563	49.894	ug/l	99
38) Carbon Tetrachloride	5.678	117	194936	48.646	ug/l	98
39) Methylcyclohexane	7.379	83	222802	46.220	ug/l	97
40) Benzene	6.038	78	568243	48.223	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	127653	52.931	ug/l	98
42) 1,2-Dichloroethane	6.086	62	227193	52.461	ug/l	98
43) Isopropyl Acetate	6.342	43	377317	50.614	ug/l	99
44) Trichloroethene	7.123	130	1395843	455.904	ug/l	96
45) 1,2-Dichloropropane	7.434	63	154406	50.184	ug/l	98
46) Dibromomethane	7.580	93	105562	50.466	ug/l	99
47) Bromodichloromethane	7.824	83	206969	51.124	ug/l	100
48) Methyl methacrylate	7.690	41	191049	53.285	ug/l	97
49) 1,4-Dioxane	7.659	88	90600	1203.077	ug/l	100
51) 4-Methyl-2-Pentanone	8.574	43	1214066	280.733	ug/l	99
52) Toluene	8.720	92	359206	49.238	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	226337	49.626	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	235853	47.798	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	153513	53.022	ug/l	99
56) Ethyl methacrylate	9.116	69	250112	52.614	ug/l	97
57) 1,3-Dichloropropane	9.311	76	267755	52.035	ug/l	100
59) 2-Hexanone	9.427	43	939952	281.169	ug/l	99
60) Dibromochloromethane	9.519	129	153087	50.415	ug/l	100
61) 1,2-Dibromoethane	9.610	107	161786	51.783	ug/l	100
64) Tetrachloroethene	9.275	164	122797	46.186	ug/l	99
65) Chlorobenzene	10.079	112	413628	47.630	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	144560	45.705	ug/l	99
67) Ethyl Benzene	10.195	91	706969	45.474	ug/l	98
68) m/p-Xylenes	10.299	106	534180	89.445	ug/l	98
69) o-Xylene	10.640	106	269230	44.922	ug/l	98
70) Styrene	10.653	104	446146	46.139	ug/l	100
71) Bromoform	10.799	173	109293	44.890	ug/l	100
73) Isopropylbenzene	10.963	105	708444	47.905	ug/l	99
74) N-amyl acetate	10.842	43	347507	49.060	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	248439	50.343	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	207564m	47.244	ug/l	
77) Bromobenzene	11.195	156	168280	47.428	ug/l	100
78) n-propylbenzene	11.305	91	829173	48.549	ug/l	99
79) 2-Chlorotoluene	11.366	91	510167	48.366	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	606297	48.878	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	69669	42.899	ug/l	92
82) 4-Chlorotoluene	11.457	91	589834	48.547	ug/l	100
83) tert-Butylbenzene	11.713	119	602275	48.157	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	607461	47.918	ug/l	99
85) sec-Butylbenzene	11.890	105	732818	47.929	ug/l	99
86) p-Isopropyltoluene	12.006	119	621321	48.351	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	323197	46.490	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	326711	46.477	ug/l	99
89) n-Butylbenzene	12.335	91	540818	47.342	ug/l	98
90) Hexachloroethane	12.536	117	109340	45.985	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	319485	47.554	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	57127	50.952	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	192438	45.804	ug/l	99
94) Hexachlorobutadiene	13.725	225	76560	45.233	ug/l	97
95) Naphthalene	13.774	128	686092	48.699	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	190817	46.463	ug/l	97

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

