

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031523\
 Data File : VX034506.D
 Acq On : 15 Mar 2023 14:20
 Operator : JC/MD
 Sample : VX0315WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBS01

Quant Time: Mar 16 05:18:42 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 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	277128	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	464767	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	211403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	193806	48.071	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.140%		
35) Dibromofluoromethane	5.385	113	150704	49.111	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.220%		
50) Toluene-d8	8.647	98	560378	48.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.840%		
62) 4-Bromofluorobenzene	11.079	95	215770	46.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.260%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	46101	17.844	ug/l	95
3) Chloromethane	1.307	50	64598	15.603	ug/l	98
4) Vinyl Chloride	1.374	62	62962	17.898	ug/l	97
5) Bromomethane	1.599	94	42240	23.798	ug/l	96
6) Chloroethane	1.685	64	39563	19.533	ug/l	96
7) Trichlorofluoromethane	1.886	101	103789	19.635	ug/l	98
8) Diethyl Ether	2.130	74	37391	19.378	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	56125	18.220	ug/l	99
10) Methyl Iodide	2.453	142	74628	18.452	ug/l	98
11) Tert butyl alcohol	2.953	59	67687	80.622	ug/l	99
12) 1,1-Dichloroethene	2.319	96	53131	17.513	ug/l	99
13) Acrolein	2.233	56	79153	119.175	ug/l	100
14) Allyl chloride	2.666	41	101028	16.426	ug/l	98
15) Acrylonitrile	3.062	53	170723	94.135	ug/l	98
16) Acetone	2.373	43	165831	87.320	ug/l	99
17) Carbon Disulfide	2.514	76	124532	14.586	ug/l	99
18) Methyl Acetate	2.703	43	111840	18.023	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	194016	17.861	ug/l	98
20) Methylene Chloride	2.788	84	62850	17.052	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	56773	17.621	ug/l	99
22) Diisopropyl ether	3.757	45	213975	18.247	ug/l	96
23) Vinyl Acetate	3.721	43	801314	89.784	ug/l	98
24) 1,1-Dichloroethane	3.611	63	110373	17.509	ug/l	99
25) 2-Butanone	4.556	43	246850	90.842	ug/l	99
26) 2,2-Dichloropropane	4.477	77	90152	16.453	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	68397	17.635	ug/l	99
28) Bromochloromethane	4.897	49	54608	18.631	ug/l	97
29) Tetrahydrofuran	5.001	42	155742	92.882	ug/l	99
30) Chloroform	5.093	83	111948	18.117	ug/l	95
31) Cyclohexane	5.470	56	100254	17.731	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	95343	17.429	ug/l	99
36) 1,1-Dichloropropene	5.696	75	81507	17.293	ug/l	99
37) Ethyl Acetate	4.715	43	93528	18.164	ug/l	99
38) Carbon Tetrachloride	5.678	117	80856	17.245	ug/l	96
39) Methylcyclohexane	7.379	83	96919	17.183	ug/l	97
40) Benzene	6.037	78	246343	17.867	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	51395	18.213	ug/l	98
42) 1,2-Dichloroethane	6.086	62	93062	18.365	ug/l	100
43) Isopropyl Acetate	6.342	43	152713	17.507	ug/l	100
44) Trichloroethene	7.129	130	62492	17.444	ug/l	99
45) 1,2-Dichloropropane	7.427	63	65321	18.144	ug/l	98
46) Dibromomethane	7.580	93	43801	17.896	ug/l	98
47) Bromodichloromethane	7.818	83	83269	17.579	ug/l	98
48) Methyl methacrylate	7.690	41	74752	17.818	ug/l	98
49) 1,4-Dioxane	7.659	88	33884	384.542	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	487347	96.310	ug/l	98
52) Toluene	8.714	92	154470	18.096	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	89059	16.688	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96274	16.675	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	63839	18.844	ug/l	99
56) Ethyl methacrylate	9.116	69	99133	17.823	ug/l	98
57) 1,3-Dichloropropane	9.305	76	110533	18.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	261927	91.374	ug/l	100
59) 2-Hexanone	9.427	43	364699	93.235	ug/l	100
60) Dibromochloromethane	9.519	129	60967	17.159	ug/l	99
61) 1,2-Dibromoethane	9.610	107	65034	17.790	ug/l	98
64) Tetrachloroethene	9.275	164	50568	18.103	ug/l	99
65) Chlorobenzene	10.079	112	167119	18.317	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	58187	17.510	ug/l	99
67) Ethyl Benzene	10.195	91	295339	18.081	ug/l	99
68) m/p-Xylenes	10.299	106	228247	36.377	ug/l	99
69) o-Xylene	10.640	106	112057	17.796	ug/l	99
70) Styrene	10.652	104	185304	18.240	ug/l	98
71) Bromoform	10.799	173	42326	16.547	ug/l #	100
73) Isopropylbenzene	10.963	105	293397	17.957	ug/l	100
74) N-amyl acetate	10.841	43	139260	17.795	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	101165	18.555	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	83797m	17.263	ug/l	
77) Bromobenzene	11.195	156	69716	17.784	ug/l	98
78) n-propylbenzene	11.305	91	341142	18.079	ug/l	100
79) 2-Chlorotoluene	11.360	91	208655	17.904	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	249470	18.203	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	25711	14.329	ug/l	87
82) 4-Chlorotoluene	11.451	91	243474	18.138	ug/l	100
83) tert-Butylbenzene	11.713	119	245553	17.771	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	249179	17.791	ug/l	99
85) sec-Butylbenzene	11.890	105	304465	18.024	ug/l	99
86) p-Isopropyltoluene	12.006	119	251892	17.742	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	136888	17.822	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	136894	17.626	ug/l	100
89) n-Butylbenzene	12.329	91	228678	18.119	ug/l	98
90) Hexachloroethane	12.536	117	42637	16.230	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	138659	18.680	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23471	18.948	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	86845	18.709	ug/l	99
94) Hexachlorobutadiene	13.725	225	36035	19.270	ug/l	98
95) Naphthalene	13.774	128	303441	19.495	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	83973	18.507	ug/l	100

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

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