

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032323\
 Data File : VX034687.D
 Acq On : 23 Mar 2023 10:15
 Operator : JC/MD
 Sample : VX0323WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0323WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 03/24/2023
 Supervised By :Mahesh Dadoda 03/24/2023

Quant Time: Mar 23 13:28:31 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	310457	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	515283	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	457761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	224063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	222767	49.323	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.640%		
35) Dibromofluoromethane	5.385	113	165441	48.628	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.647	98	575199	45.290	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	90.580%#		
62) 4-Bromofluorobenzene	11.079	95	233929	45.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	67741	23.405	ug/l	99
3) Chloromethane	1.301	50	77611	16.831	ug/l	100
4) Vinyl Chloride	1.374	62	74764	18.971	ug/l	99
5) Bromomethane	1.612	94	42319	21.283	ug/l	99
6) Chloroethane	1.685	64	46794	20.623	ug/l	94
7) Trichlorofluoromethane	1.892	101	106201	17.935	ug/l	99
8) Diethyl Ether	2.130	74	42443	19.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	63405	18.373	ug/l	99
10) Methyl Iodide	2.453	142	77187	17.036	ug/l	92
11) Tert butyl alcohol	2.971	59	83787	89.085	ug/l	100
12) 1,1-Dichloroethene	2.319	96	60454	17.788	ug/l	89
13) Acrolein	2.233	56	55542	74.648	ug/l	98
14) Allyl chloride	2.666	41	119533	17.348	ug/l	97
15) Acrylonitrile	3.063	53	188529	92.793	ug/l	98
16) Acetone	2.380	43	186730	87.769	ug/l	95
17) Carbon Disulfide	2.514	76	143377	14.990	ug/l	98
18) Methyl Acetate	2.703	43	142773	20.538	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	233661	19.202	ug/l	97
20) Methylene Chloride	2.788	84	70478	17.069	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	66171	18.333	ug/l	98
22) Diisopropyl ether	3.758	45	243388	18.527	ug/l	100
23) Vinyl Acetate	3.721	43	898504	89.866	ug/l	99
24) 1,1-Dichloroethane	3.611	63	129315	18.312	ug/l	99
25) 2-Butanone	4.556	43	280032	91.990	ug/l	99
26) 2,2-Dichloropropane	4.477	77	109965	17.914	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	77798	17.905	ug/l	98
28) Bromochloromethane	4.898	49	59598	18.150	ug/l	97
29) Tetrahydrofuran	5.007	42	177395	94.438	ug/l	99
30) Chloroform	5.093	83	133117	19.230	ug/l	99
31) Cyclohexane	5.471	56	113511	17.920	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	117552	19.182	ug/l	99
36) 1,1-Dichloropropene	5.696	75	95557	18.287	ug/l	99
37) Ethyl Acetate	4.715	43	107053	18.753	ug/l	99
38) Carbon Tetrachloride	5.678	117	97936	18.840	ug/l	99
39) Methylcyclohexane	7.379	83	108234	17.308	ug/l	94
40) Benzene	6.038	78	279495	18.284	ug/l	99

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41) Methacrylonitrile	4.922	41	62710	20.044	ug/l	96
42) 1,2-Dichloroethane	6.086	62	115187	20.503	ug/l	99
43) Isopropyl Acetate	6.336	43	178587	18.466	ug/l	99
44) Trichloroethene	7.129	130	71040	17.886	ug/l	95
45) 1,2-Dichloropropane	7.428	63	72387	18.136	ug/l	99
46) Dibromomethane	7.580	93	50784	18.715	ug/l	100
47) Bromodichloromethane	7.824	83	97236	18.515	ug/l	96
48) Methyl methacrylate	7.690	41	91610	19.696	ug/l	96
49) 1,4-Dioxane	7.678	88	37436	383.202	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	549745	97.991	ug/l	99
52) Toluene	8.720	92	177100	18.713	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	103859	17.554	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	114466	17.882	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	70551	18.784	ug/l	97
56) Ethyl methacrylate	9.116	69	115517	18.732	ug/l	98
57) 1,3-Dichloropropane	9.305	76	125045	18.732	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	269249	84.720	ug/l	98
59) 2-Hexanone	9.427	43	414620	95.606	ug/l	100
60) Dibromochloromethane	9.519	129	69194	17.566	ug/l	100
61) 1,2-Dibromoethane	9.610	107	74428	18.364	ug/l	100
64) Tetrachloroethene	9.275	164	60346	19.625	ug/l	97
65) Chlorobenzene	10.080	112	186877	18.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	67134	18.353	ug/l	97
67) Ethyl Benzene	10.195	91	338654	18.835	ug/l	98
68) m/p-Xylenes	10.299	106	255817	37.037	ug/l	96
69) o-Xylene	10.640	106	127184	18.349	ug/l	97
70) Styrene	10.653	104	207450	18.550	ug/l	99
71) Bromoform	10.799	173	46618	16.556	ug/l #	100
73) Isopropylbenzene	10.964	105	332545	19.203	ug/l	98
74) N-amyl acetate	10.842	43	151769	18.298	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	106999	18.516	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	92325m	17.945	ug/l	
77) Bromobenzene	11.195	156	77891	18.747	ug/l	99
78) n-propylbenzene	11.305	91	377815	18.891	ug/l	100
79) 2-Chlorotoluene	11.366	91	237454	19.224	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	284723	19.602	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	28532	15.003	ug/l	88
82) 4-Chlorotoluene	11.451	91	275428	19.359	ug/l	99
83) tert-Butylbenzene	11.713	119	271544	18.542	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	283818	19.119	ug/l	99
85) sec-Butylbenzene	11.890	105	328822	18.366	ug/l	98
86) p-Isopropyltoluene	12.006	119	279862	18.599	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	147574	18.128	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	147253	17.889	ug/l	98
89) n-Butylbenzene	12.335	91	229853	17.183	ug/l	99
90) Hexachloroethane	12.536	117	43250	15.533	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	144879	18.416	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24814	18.900	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	88729	18.035	ug/l	98
94) Hexachlorobutadiene	13.725	225	34616	17.465	ug/l	99
95) Naphthalene	13.774	128	321970	19.516	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	89297	18.568	ug/l	99

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

