

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040524\
 Data File : VX040891.D
 Acq On : 05 Apr 2024 10:27
 Operator : JC/MD
 Sample : VX0405WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0405WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2024
 Supervised By : Mahesh Dadoda 04/08/2024

Quant Time: Apr 05 23:16:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:40:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	46590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	78165	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	73647	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38240	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	40934	48.967	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.940%		
35) Dibromofluoromethane	5.385	113	27392	49.476	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.960%		
50) Toluene-d8	8.647	98	97343	48.658	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.320%		
62) 4-Bromofluorobenzene	11.079	95	39166	49.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	10963	17.360	ug/l	92
3) Chloromethane	1.300	50	11210	20.548	ug/l	97
4) Vinyl Chloride	1.374	62	11452	20.336	ug/l	98
5) Bromomethane	1.611	94	8395	24.232	ug/l	95
6) Chloroethane	1.691	64	7596	20.925	ug/l	100
7) Trichlorofluoromethane	1.892	101	19940	18.497	ug/l	98
8) Diethyl Ether	2.136	74	6910	19.836	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	10130	18.228	ug/l	97
10) Methyl Iodide	2.453	142	12628	18.732	ug/l	99
11) Tert butyl alcohol	2.946	59	14261	93.441	ug/l #	92
12) 1,1-Dichloroethene	2.318	96	9095	17.449	ug/l	98
13) Acrolein	2.233	56	7479	89.772	ug/l	96
14) Allyl chloride	2.666	41	17670	18.924	ug/l	91
15) Acrylonitrile	3.062	53	31923	99.154	ug/l	98
16) Acetone	2.373	43	33249	102.433	ug/l	98
17) Carbon Disulfide	2.514	76	24573	16.297	ug/l #	94
18) Methyl Acetate	2.703	43	14230	18.479	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	35015	19.085	ug/l	98
20) Methylene Chloride	2.794	84	10509	17.470	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	9399	17.073	ug/l	97
22) Diisopropyl ether	3.751	45	35057	19.293	ug/l #	67
23) Vinyl Acetate	3.721	43	172906	99.280	ug/l	100
24) 1,1-Dichloroethane	3.611	63	19283	18.575	ug/l	99
25) 2-Butanone	4.544	43	48080	99.714	ug/l	97
26) 2,2-Dichloropropane	4.471	77	16060	18.019	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	11790	18.546	ug/l	100
28) Bromochloromethane	4.897	49	9995	21.412	ug/l	99
29) Tetrahydrofuran	5.001	42	29693	94.744	ug/l	99
30) Chloroform	5.092	83	21510	19.036	ug/l	100
31) Cyclohexane	5.464	56	15319	17.269	ug/l	93
32) 1,1,1-Trichloroethane	5.373	97	18858	18.781	ug/l	99
36) 1,1-Dichloropropene	5.690	75	14318	18.201	ug/l	95
37) Ethyl Acetate	4.708	43	17986	18.619	ug/l	97
38) Carbon Tetrachloride	5.678	117	15775	18.114	ug/l	98
39) Methylcyclohexane	7.379	83	16218	17.254	ug/l	97
40) Benzene	6.037	78	40333	18.473	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	9783	19.720	ug/l	96
42) 1,2-Dichloroethane	6.086	62	18533	19.543	ug/l	97
43) Isopropyl Acetate	6.330	43	29726	19.926	ug/l	95
44) Trichloroethene	7.129	130	10020	18.375	ug/l	92
45) 1,2-Dichloropropane	7.427	63	10262	19.688	ug/l	94
46) Dibromomethane	7.580	93	8635	20.213	ug/l	97
47) Bromodichloromethane	7.817	83	16940	19.058	ug/l #	98
48) Methyl methacrylate	7.689	41	14615	20.006	ug/l	93
49) 1,4-Dioxane	7.659	88	5322	381.770	ug/l #	100
51) 4-Methyl-2-Pentanone	8.567	43	97899	98.935	ug/l	96
52) Toluene	8.714	92	24977	18.130	ug/l	93
53) t-1,3-Dichloropropene	8.976	75	16680	18.914	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	16862	19.132	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	10692	19.887	ug/l	98
56) Ethyl methacrylate	9.116	69	17582	19.044	ug/l #	90
57) 1,3-Dichloropropane	9.305	76	18324	19.487	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	44529	99.493	ug/l	97
59) 2-Hexanone	9.427	43	78089	98.398	ug/l	95
60) Dibromochloromethane	9.518	129	12558	19.566	ug/l	97
61) 1,2-Dibromoethane	9.610	107	11368	19.598	ug/l	98
64) Tetrachloroethene	9.268	164	8671	17.792	ug/l	92
65) Chlorobenzene	10.079	112	28363	17.609	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.159	131	10170	19.023	ug/l	95
67) Ethyl Benzene	10.195	91	50527	17.591	ug/l	97
68) m/p-Xylenes	10.299	106	37147	35.544	ug/l	91
69) o-Xylene	10.640	106	18211	18.496	ug/l	95
70) Styrene	10.652	104	31870	18.679	ug/l	98
71) Bromoform	10.799	173	8489	18.773	ug/l #	99
73) Isopropylbenzene	10.963	105	48526	18.169	ug/l	100
74) N-amyl acetate	10.841	43	25253	18.668	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	17692	19.373	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	15252m	18.704	ug/l	
77) Bromobenzene	11.195	156	11399	18.194	ug/l	96
78) n-propylbenzene	11.305	91	59446	17.810	ug/l	99
79) 2-Chlorotoluene	11.360	91	36501	18.324	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	42030	18.426	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	5186	17.159	ug/l	90
82) 4-Chlorotoluene	11.451	91	43640	18.350	ug/l	99
83) tert-Butylbenzene	11.713	119	40307	17.812	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	42155	18.345	ug/l	99
85) sec-Butylbenzene	11.890	105	51979	18.086	ug/l	99
86) p-Isopropyltoluene	12.006	119	44157	18.318	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	23085	18.229	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	23852	17.751	ug/l	98
89) n-Butylbenzene	12.329	91	42550	17.867	ug/l	95
90) Hexachloroethane	12.536	117	7607	18.115	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	22373	18.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4468	19.040	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	14923	17.344	ug/l	98
94) Hexachlorobutadiene	13.725	225	5334	16.183	ug/l	99
95) Naphthalene	13.774	128	51009	18.412	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	14889	18.139	ug/l	98

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

