

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041182.D
 Acq On : 22 Apr 2024 10:58
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/23/2024
 Supervised By : Mahesh Dadoda 04/23/2024

Quant Time: Apr 23 05:12:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:06:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	263854	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	358950	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	307435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	6361	2.533	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	5.060%#		
35) Dibromofluoromethane	5.391	113	5405	2.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	4.960%#		
50) Toluene-d8	8.647	98	13887	1.885	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	3.780%#		
62) 4-Bromofluorobenzene	11.085	95	3445	1.267	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	2.540%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1946	0.932	ug/l	97
3) Chloromethane	1.294	50	2017	0.893	ug/l	# 77
4) Vinyl Chloride	1.374	62	2148	0.951	ug/l	98
5) Bromomethane	1.599	94	1826	1.435	ug/l	94
6) Chloroethane	1.666	64	713	0.831	ug/l	95
7) Trichlorofluoromethane	1.861	101	3300	0.943	ug/l	97
8) Diethyl Ether	2.136	74	1227	0.952	ug/l	85
9) 1,1,2-Trichlorotrifluo...	2.319	101	2050	0.995	ug/l	87
10) Methyl Iodide	2.441	142	2384	0.960	ug/l	# 87
11) Tert butyl alcohol	3.056	59	1068	2.376	ug/l	# 78
12) 1,1-Dichloroethene	2.300	96	1992	1.036	ug/l	# 78
13) Acrolein	2.239	56	2341	4.638	ug/l	99
14) Allyl chloride	2.660	41	2987	0.956	ug/l	98
15) Acrylonitrile	3.081	53	5022	4.368	ug/l	98
16) Acetone	2.398	43	4610	5.042	ug/l	92
17) Carbon Disulfide	2.501	76	3547	0.883	ug/l	96
18) Methyl Acetate	2.715	43	2834	1.048	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	6320	0.919	ug/l	95
20) Methylene Chloride	2.782	84	2031	0.910	ug/l	85
21) trans-1,2-Dichloroethene	3.087	96	1783	0.839	ug/l	# 78
22) Diisopropyl ether	3.770	45	6107	0.904	ug/l	92
23) Vinyl Acetate	3.727	43	22809	3.948	ug/l	100
24) 1,1-Dichloroethane	3.611	63	3445	0.912	ug/l	99
25) 2-Butanone	4.599	43	6527	4.180	ug/l	99
26) 2,2-Dichloropropane	4.465	77	2830	0.887	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	2229	0.846	ug/l	94
28) Bromochloromethane	4.897	49	1528	1.067	ug/l	# 73
29) Tetrahydrofuran	5.032	42	4919	4.624	ug/l	99
30) Chloroform	5.099	83	3865	0.954	ug/l	90
31) Cyclohexane	5.464	56	3138	0.928	ug/l	# 91
32) 1,1,1-Trichloroethane	5.385	97	3031	0.834	ug/l	# 51
36) 1,1-Dichloropropene	5.690	75	2607	0.933	ug/l	95
37) Ethyl Acetate	4.739	43	1615	0.527	ug/l	# 83
38) Carbon Tetrachloride	5.672	117	2645	0.848	ug/l	# 80
39) Methylcyclohexane	7.373	83	3218	0.868	ug/l	95
40) Benzene	6.037	78	8326	0.965	ug/l	95

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.952	41	1306	0.818	ug/l #	63
42) 1,2-Dichloroethane	6.098	62	2721	0.910	ug/l	88
43) Isopropyl Acetate	6.354	43	4595	0.931	ug/l #	93
44) Trichloroethene	7.141	130	2182	0.870	ug/l	70
45) 1,2-Dichloropropane	7.440	63	1677	0.811	ug/l	97
46) Dibromomethane	7.598	93	1355	0.878	ug/l #	79
47) Bromodichloromethane	7.824	83	2362	0.831	ug/l	94
48) Methyl methacrylate	7.714	41	1812	0.776	ug/l	96
49) 1,4-Dioxane	7.708	88	687	13.667	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	13309	4.306	ug/l	100
52) Toluene	8.720	92	4816	0.886	ug/l	100
53) t-1,3-Dichloropropene	8.988	75	2277	0.816	ug/l #	86
54) cis-1,3-Dichloropropene	8.366	75	2401	0.757	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	1988	0.937	ug/l #	85
56) Ethyl methacrylate	9.128	69	2622	0.808	ug/l	95
57) 1,3-Dichloropropane	9.311	76	3114	0.887	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	6753	4.278	ug/l	93
59) 2-Hexanone	9.445	43	9357	3.948	ug/l	93
60) Dibromochloromethane	9.525	129	1749	0.714	ug/l	97
61) 1,2-Dibromoethane	9.616	107	1940	0.852	ug/l	91
64) Tetrachloroethene	9.275	164	2208	0.936	ug/l	92
65) Chlorobenzene	10.079	112	6134	0.969	ug/l	89
66) 1,1,1,2-Tetrachloroethane	10.165	131	1776	0.819	ug/l #	62
67) Ethyl Benzene	10.195	91	8772	0.869	ug/l	91
68) m/p-Xylenes	10.305	106	7260	1.781	ug/l	89
69) o-Xylene	10.640	106	3452	0.871	ug/l	94
70) Styrene	10.665	104	4998	0.775	ug/l	96
71) Bromoform	10.805	173	1400	0.756	ug/l #	95
73) Isopropylbenzene	10.963	105	8557	0.907	ug/l	96
74) N-amyl acetate	10.854	43	2828	0.763	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	2852	0.959	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	3066	1.255	ug/l	98
77) Bromobenzene	11.201	156	2382	0.868	ug/l	79
78) n-propylbenzene	11.305	91	8542	0.839	ug/l	98
79) 2-Chlorotoluene	11.366	91	6048	0.939	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	6830	0.871	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	557	0.643	ug/l	85
82) 4-Chlorotoluene	11.457	91	6763	0.926	ug/l	96
83) tert-Butylbenzene	11.713	119	7669	0.913	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	6376	0.819	ug/l	88
85) sec-Butylbenzene	11.890	105	8238	0.849	ug/l	95
86) p-Isopropyltoluene	12.012	119	6832	0.799	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	4584	0.930	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	4584	0.906	ug/l	94
89) n-Butylbenzene	12.335	91	4938	0.761	ug/l	97
90) Hexachloroethane	12.542	117	1024	0.726	ug/l	59
91) 1,2-Dichlorobenzene	12.341	146	4514	0.914	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	12.945	75	477	0.764	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	2406	0.703	ug/l	90
94) Hexachlorobutadiene	13.725	225	1258	0.719	ug/l	96
95) Naphthalene	13.780	128	6540	0.665	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2452	0.680	ug/l	96

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

