

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042224\
 Data File : VX041186.D
 Acq On : 22 Apr 2024 12:29
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Apr 23 05:15:41 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	262240	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	359771	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	325931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161757	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	237227	95.031	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 190.060%#			
35) Dibromofluoromethane	5.385	113	211536	96.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 193.320%#			
50) Toluene-d8	8.647	98	732888	99.260	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 198.520%#			
62) 4-Bromofluorobenzene	11.079	95	255273	93.669	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 187.340%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	205359	99.008	ug/l	98
3) Chloromethane	1.295	50	213611	95.123	ug/l	99
4) Vinyl Chloride	1.374	62	220081	98.004	ug/l	100
5) Bromomethane	1.599	94	127776	101.055	ug/l	99
6) Chloroethane	1.666	64	78454	91.959	ug/l	99
7) Trichlorofluoromethane	1.855	101	336059	96.579	ug/l	98
8) Diethyl Ether	2.136	74	125216	97.785	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.313	101	218145	106.554	ug/l	# 85
10) Methyl Iodide	2.441	142	265768	107.650	ug/l	# 85
11) Tert butyl alcohol	3.093	59	235697m	527.685	ug/l	
12) 1,1-Dichloroethene	2.307	96	208971	109.343	ug/l	81
13) Acrolein	2.246	56	281767	561.642	ug/l	96
14) Allyl chloride	2.654	41	309195	99.591	ug/l	# 90
15) Acrylonitrile	3.075	53	585746	512.563	ug/l	99
16) Acetone	2.398	43	455179	500.937	ug/l	93
17) Carbon Disulfide	2.496	76	444969	111.456	ug/l	99
18) Methyl Acetate	2.709	43	262692	97.730	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	690730	101.101	ug/l	100
20) Methylene Chloride	2.782	84	222010	100.041	ug/l	90
21) trans-1,2-Dichloroethene	3.081	96	212945	100.827	ug/l	87
22) Diisopropyl ether	3.770	45	669987	99.811	ug/l	# 81
23) Vinyl Acetate	3.721	43	3021787	526.209	ug/l	# 93
24) 1,1-Dichloroethane	3.605	63	382154	101.845	ug/l	96
25) 2-Butanone	4.574	43	766932	494.221	ug/l	95
26) 2,2-Dichloropropane	4.471	77	330874	104.334	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	262926	100.440	ug/l	88
28) Bromochloromethane	4.904	49	129000	90.593	ug/l	# 69
29) Tetrahydrofuran	5.013	42	519821	491.707	ug/l	93
30) Chloroform	5.093	83	403644	100.222	ug/l	98
31) Cyclohexane	5.458	56	330592	98.399	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	370754	102.690	ug/l	96
36) 1,1-Dichloropropene	5.684	75	275264	98.304	ug/l	95
37) Ethyl Acetate	4.721	43	320514	104.328	ug/l	98
38) Carbon Tetrachloride	5.672	117	327706	104.781	ug/l	99
39) Methylcyclohexane	7.373	83	376321	101.323	ug/l	91
40) Benzene	6.032	78	862079	99.686	ug/l	99

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41) Methacrylonitrile	4.928	41	169141	105.754	ug/l	92
42) 1,2-Dichloroethane	6.086	62	296800	98.983	ug/l	94
43) Isopropyl Acetate	6.349	43	509518	102.955	ug/l	96
44) Trichloroethene	7.123	130	253377	100.776	ug/l	86
45) 1,2-Dichloropropane	7.428	63	207029	99.845	ug/l	99
46) Dibromomethane	7.580	93	157002	101.544	ug/l #	75
47) Bromodichloromethane	7.824	83	308967	108.411	ug/l	97
48) Methyl methacrylate	7.696	41	251002	107.230	ug/l	91
49) 1,4-Dioxane	7.684	88	104892	2081.917	ug/l #	89
51) 4-Methyl-2-Pentanone	8.580	43	1573761	508.044	ug/l	94
52) Toluene	8.714	92	563645	103.436	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	324707	116.154	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	348868	109.778	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	222128	104.468	ug/l	97
56) Ethyl methacrylate	9.122	69	365225	112.357	ug/l	92
57) 1,3-Dichloropropane	9.305	76	360238	102.346	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	819411	517.939	ug/l	91
59) 2-Hexanone	9.439	43	1214070	511.096	ug/l	94
60) Dibromochloromethane	9.525	129	277149	112.913	ug/l	99
61) 1,2-Dibromoethane	9.610	107	238738	104.650	ug/l	100
64) Tetrachloroethene	9.269	164	245708	98.296	ug/l	90
65) Chlorobenzene	10.080	112	658714	98.201	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	240708	104.766	ug/l	98
67) Ethyl Benzene	10.195	91	1074163	100.345	ug/l	96
68) m/p-Xylenes	10.299	106	869315	201.169	ug/l	89
69) o-Xylene	10.640	106	379875	90.384	ug/l	92
70) Styrene	10.653	104	644057	94.194	ug/l	95
71) Bromoform	10.799	173	204656	104.187	ug/l #	99
73) Isopropylbenzene	10.964	105	982602	97.631	ug/l	95
74) N-amyl acetate	10.842	43	420523	106.314	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	308466	97.186	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	245084m	94.039	ug/l	
77) Bromobenzene	11.201	156	286671	97.878	ug/l	77
78) n-propylbenzene	11.305	91	1100255	101.243	ug/l	94
79) 2-Chlorotoluene	11.366	91	666596	96.931	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	871277	104.057	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	102628	111.099	ug/l	90
82) 4-Chlorotoluene	11.451	91	801914	102.898	ug/l	92
83) tert-Butylbenzene	11.713	119	889032	99.151	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	816646	98.266	ug/l	92
85) sec-Butylbenzene	11.890	105	1048409	101.254	ug/l	94
86) p-Isopropyltoluene	12.006	119	943960	103.452	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	506654	96.302	ug/l	94
88) 1,4-Dichlorobenzene	12.043	146	515904	95.573	ug/l	94
89) n-Butylbenzene	12.329	91	765349	110.471	ug/l	97
90) Hexachloroethane	12.536	117	184109	122.319	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	520976	98.866	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	78184	117.396	ug/l #	51
93) 1,2,4-Trichlorobenzene	13.585	180	440595	120.593	ug/l	94
94) Hexachlorobutadiene	13.725	225	216523	115.995	ug/l	99
95) Naphthalene	13.774	128	1220357	116.252	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	441496	114.721	ug/l	95

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

