

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032124\
 Data File : VX040740.D
 Acq On : 21 Mar 2024 11:51
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 22 02:04:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 01:58:09 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/25/2024
 Supervised By : Mahesh Dadoda 03/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	46605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	73726	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	70358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	35805	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80705	102.987	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 205.980%#			
35) Dibromofluoromethane	5.385	113	56590	102.581	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.160%#			
50) Toluene-d8	8.647	98	184907	97.890	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.780%#			
62) 4-Bromofluorobenzene	11.079	95	82865	111.036	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 222.080%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	67454	111.844	ug/l	100
3) Chloromethane	1.294	50	62155	100.759	ug/l	100
4) Vinyl Chloride	1.374	62	63709	109.071	ug/l	100
5) Bromomethane	1.599	94	38134	96.848	ug/l	99
6) Chloroethane	1.679	64	45891	111.775	ug/l	99
7) Trichlorofluoromethane	1.886	101	113959	111.504	ug/l	97
8) Diethyl Ether	2.136	74	37137	113.045	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	65909	112.145	ug/l	99
10) Methyl Iodide	2.453	142	87748	112.767	ug/l	100
11) Tert butyl alcohol	2.965	59	74552	594.097	ug/l	# 92
12) 1,1-Dichloroethene	2.319	96	61478	111.680	ug/l	97
13) Acrolein	2.233	56	44330	596.939	ug/l	97
14) Allyl chloride	2.666	41	111402	112.917	ug/l	89
15) Acrylonitrile	3.062	53	177034	571.475	ug/l	97
16) Acetone	2.373	43	150468	542.092	ug/l	99
17) Carbon Disulfide	2.514	76	170586	107.882	ug/l	98
18) Methyl Acetate	2.703	43	81985	110.208	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	218266	114.878	ug/l	99
20) Methylene Chloride	2.788	84	66898	110.258	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	63916	109.985	ug/l	95
22) Diisopropyl ether	3.757	45	223416	116.052	ug/l	97
23) Vinyl Acetate	3.721	43	1064400	584.921	ug/l	99
24) 1,1-Dichloroethane	3.611	63	123646	111.821	ug/l	99
25) 2-Butanone	4.550	43	248133	570.742	ug/l	98
26) 2,2-Dichloropropane	4.471	77	114697	118.886	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	75658	112.390	ug/l	98
28) Bromochloromethane	4.897	49	52252	103.320	ug/l	97
29) Tetrahydrofuran	4.995	42	167624	579.653	ug/l	98
30) Chloroform	5.093	83	136119	114.983	ug/l	100
31) Cyclohexane	5.471	56	104872	112.634	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	122156	120.052	ug/l	99
36) 1,1-Dichloropropene	5.690	75	92284	113.615	ug/l	98
37) Ethyl Acetate	4.708	43	106333	115.285	ug/l	99
38) Carbon Tetrachloride	5.672	117	107509	117.593	ug/l	98
39) Methylcyclohexane	7.379	83	102528	113.936	ug/l	97
40) Benzene	6.037	78	258623	115.307	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	58645	124.018	ug/l	97
42) 1,2-Dichloroethane	6.080	62	109817	120.996	ug/l	98
43) Isopropyl Acetate	6.336	43	179992	124.272	ug/l	98
44) Trichloroethene	7.123	130	61923	115.184	ug/l	96
45) 1,2-Dichloropropane	7.427	63	60030	114.076	ug/l	96
46) Dibromomethane	7.574	93	48351	116.012	ug/l	98
47) Bromodichloromethane	7.818	83	100033	117.464	ug/l	97
48) Methyl methacrylate	7.690	41	81554	123.195	ug/l	93
49) 1,4-Dioxane	7.659	88	26871	2405.140	ug/l #	93
51) 4-Methyl-2-Pentanone	8.574	43	528565	588.460	ug/l	97
52) Toluene	8.714	92	147845	110.525	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	101920	115.692	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	109389	120.062	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	61248	112.435	ug/l	94
56) Ethyl methacrylate	9.116	69	109623	120.395	ug/l #	93
57) 1,3-Dichloropropane	9.305	76	108951	117.206	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	307399	643.272	ug/l	97
59) 2-Hexanone	9.427	43	424694	610.362	ug/l	97
60) Dibromochloromethane	9.519	129	77647	121.300	ug/l	99
61) 1,2-Dibromoethane	9.610	107	68825	119.646	ug/l	100
64) Tetrachloroethene	9.275	164	56943	108.655	ug/l	98
65) Chlorobenzene	10.079	112	180915	113.372	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65321	120.290	ug/l	99
67) Ethyl Benzene	10.189	91	334403	117.011	ug/l	98
68) m/p-Xylenes	10.299	106	254219	242.963	ug/l	93
69) o-Xylene	10.640	106	122787	122.155	ug/l	93
70) Styrene	10.653	104	216471	128.645	ug/l	97
71) Bromoform	10.799	173	58574	132.065	ug/l #	99
73) Isopropylbenzene	10.963	105	333148	122.627	ug/l	100
74) N-amyl acetate	10.841	43	180034	134.593	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	111905	121.673	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	96415m	124.772	ug/l	
77) Bromobenzene	11.195	156	79320	120.621	ug/l	100
78) n-propylbenzene	11.305	91	414416	123.714	ug/l	98
79) 2-Chlorotoluene	11.360	91	228859	118.404	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	269786	118.456	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	41176	135.269	ug/l #	93
82) 4-Chlorotoluene	11.451	91	275244	113.535	ug/l	99
83) tert-Butylbenzene	11.713	119	248478	108.777	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	262291	114.426	ug/l	99
85) sec-Butylbenzene	11.890	105	333569	114.833	ug/l	100
86) p-Isopropyltoluene	12.006	119	286061	118.760	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	140809	112.129	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	147187	110.364	ug/l	99
89) n-Butylbenzene	12.329	91	283246	116.611	ug/l	96
90) Hexachloroethane	12.536	117	51371	122.479	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	138833	112.528	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	27370	119.186	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	103642	118.198	ug/l	97
94) Hexachlorobutadiene	13.725	225	39902	115.451	ug/l	98
95) Naphthalene	13.774	128	345441	124.523	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	101032	117.276	ug/l	97

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

