

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061423\
 Data File : VX036158.D
 Acq On : 14 Jun 2023 16:22
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 15 01:35:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 15 01:28:15 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	206926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	369049	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163456	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	331962	99.273	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 198.540%#			
35) Dibromofluoromethane	5.385	113	245692	102.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.700%#			
50) Toluene-d8	8.647	98	898348	104.851	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 209.700%#			
62) 4-Bromofluorobenzene	11.079	95	371401	99.228	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 198.460%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	242515	107.826	ug/l	98
3) Chloromethane	1.294	50	262840	108.487	ug/l	97
4) Vinyl Chloride	1.374	62	256058	112.226	ug/l	98
5) Bromomethane	1.618	94	172748	117.573	ug/l	99
6) Chloroethane	1.691	64	158976	110.470	ug/l	99
7) Trichlorofluoromethane	1.886	101	347260	106.509	ug/l	99
8) Diethyl Ether	2.130	74	155544	114.488	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	228328	115.248	ug/l	99
10) Methyl Iodide	2.453	142	261044	118.066	ug/l	97
11) Tert butyl alcohol	3.081	59	330458	575.449	ug/l #	78
12) 1,1-Dichloroethene	2.319	96	220151	111.777	ug/l	95
13) Acrolein	2.245	56	379036	567.741	ug/l	100
14) Allyl chloride	2.666	41	455138	113.585	ug/l	97
15) Acrylonitrile	3.075	53	780007	570.175	ug/l	99
16) Acetone	2.410	43	677965	506.306	ug/l	97
17) Carbon Disulfide	2.514	76	588659	117.443	ug/l	99
18) Methyl Acetate	2.709	43	618285	109.843	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	905283	115.849	ug/l	99
20) Methylene Chloride	2.788	84	265844	107.242	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	249957	111.269	ug/l	97
22) Diisopropyl ether	3.757	45	891434	113.044	ug/l	95
23) Vinyl Acetate	3.727	43	3400379	589.870	ug/l	98
24) 1,1-Dichloroethane	3.611	63	489873	112.599	ug/l	98
25) 2-Butanone	4.574	43	1094749	559.606	ug/l	100
26) 2,2-Dichloropropane	4.477	77	412434	118.454	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	299092	115.394	ug/l	98
28) Bromochloromethane	4.897	49	234588	104.182	ug/l	96
29) Tetrahydrofuran	5.019	42	709585	563.856	ug/l	99
30) Chloroform	5.093	83	500075	109.772	ug/l	96
31) Cyclohexane	5.471	56	400641	115.219	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	436051	113.245	ug/l	99
36) 1,1-Dichloropropene	5.696	75	363161	114.373	ug/l	99
37) Ethyl Acetate	4.721	43	456075	116.954	ug/l	99
38) Carbon Tetrachloride	5.678	117	367711	119.962	ug/l	97
39) Methylcyclohexane	7.379	83	408035	120.991	ug/l	97
40) Benzene	6.037	78	1049133	115.133	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	251564	115.690	ug/l	98
42) 1,2-Dichloroethane	6.086	62	443866	112.918	ug/l	99
43) Isopropyl Acetate	6.342	43	748967	123.844	ug/l	99
44) Trichloroethene	7.129	130	271771	116.248	ug/l	97
45) 1,2-Dichloropropane	7.434	63	279080	116.994	ug/l	100
46) Dibromomethane	7.580	93	203997	117.113	ug/l	97
47) Bromodichloromethane	7.824	83	403564	124.228	ug/l	97
48) Methyl methacrylate	7.696	41	363253	120.649	ug/l	97
49) 1,4-Dioxane	7.738	88	130557	2216.387	ug/l #	99
51) 4-Methyl-2-Pentanone	8.580	43	2184032	599.033	ug/l	99
52) Toluene	8.720	92	676362	118.047	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	473704	137.921	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	481271	129.082	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	284594	118.371	ug/l	97
56) Ethyl methacrylate	9.116	69	480395	129.283	ug/l	98
57) 1,3-Dichloropropane	9.311	76	499554	120.308	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1123435	572.631	ug/l	100
59) 2-Hexanone	9.433	43	1628986	602.276	ug/l	99
60) Dibromochloromethane	9.519	129	307831	134.518	ug/l	99
61) 1,2-Dibromoethane	9.610	107	309496	122.755	ug/l	100
64) Tetrachloroethene	9.275	164	215207	111.653	ug/l	97
65) Chlorobenzene	10.079	112	730541	113.796	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	274300	121.450	ug/l	99
67) Ethyl Benzene	10.195	91	1327467	117.066	ug/l	100
68) m/p-Xylenes	10.299	106	1012846	234.195	ug/l	99
69) o-Xylene	10.640	106	499559	117.027	ug/l	99
70) Styrene	10.653	104	844275	120.525	ug/l	100
71) Bromoform	10.799	173	203144	107.755	ug/l #	99
73) Isopropylbenzene	10.963	105	1276346	114.915	ug/l	98
74) N-amyl acetate	10.841	43	614203	121.579	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	422390	111.318	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	412239m	112.769	ug/l	
77) Bromobenzene	11.201	156	301997	115.855	ug/l	99
78) n-propylbenzene	11.305	91	1515473	117.217	ug/l	100
79) 2-Chlorotoluene	11.366	91	917956	112.124	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1089082	116.180	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	142019	108.918	ug/l	95
82) 4-Chlorotoluene	11.457	91	1077015	115.447	ug/l	99
83) tert-Butylbenzene	11.713	119	1067191	120.072	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	1091274	115.903	ug/l	98
85) sec-Butylbenzene	11.890	105	1270320	117.532	ug/l	100
86) p-Isopropyltoluene	12.006	119	1078229	117.859	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	560150	112.641	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	563936	109.905	ug/l	100
89) n-Butylbenzene	12.335	91	951415	121.024	ug/l	100
90) Hexachloroethane	12.542	117	181968	104.962	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	529987	108.827	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	100699	115.921	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	333127	120.326	ug/l	98
94) Hexachlorobutadiene	13.725	225	126143	118.164	ug/l	98
95) Naphthalene	13.774	128	1206067	123.453	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	327622	119.228	ug/l	99

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

