

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061824\
 Data File : VX041915.D
 Acq On : 18 Jun 2024 11:03
 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 19 07:50:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 19 07:27:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 06/19/2024
 Supervised By :Mahesh Dadoda 06/19/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	199026	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	289369	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	154177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	212031	92.387	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 184.780%#			
35) Dibromofluoromethane	5.391	113	196017	95.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 190.940%#			
50) Toluene-d8	8.653	98	693988	96.212	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 192.420%#			
62) 4-Bromofluorobenzene	11.079	95	270548	101.751	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 203.500%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	147528	97.298	ug/l	99
3) Chloromethane	1.307	50	177630	93.382	ug/l	97
4) Vinyl Chloride	1.374	62	182354	95.635	ug/l	99
5) Bromomethane	1.599	94	94837	100.723	ug/l	99
6) Chloroethane	1.666	64	77960	101.531	ug/l	95
7) Trichlorofluoromethane	1.868	101	228722	91.555	ug/l	99
8) Diethyl Ether	2.136	74	113465	96.757	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.313	101	167447	97.302	ug/l #	85
10) Methyl Iodide	2.441	142	203381	95.085	ug/l #	86
11) Tert butyl alcohol	3.008	59	236338	542.612	ug/l #	92
12) 1,1-Dichloroethene	2.307	96	171129	99.690	ug/l	84
13) Acrolein	2.246	56	244496	500.771	ug/l	98
14) Allyl chloride	2.660	41	270107	99.215	ug/l	88
15) Acrylonitrile	3.075	53	582172	511.721	ug/l	99
16) Acetone	2.398	43	471987	468.359	ug/l #	88
17) Carbon Disulfide	2.502	76	353027	100.861	ug/l	98
18) Methyl Acetate	2.715	43	288067	104.787	ug/l	96
19) Methyl tert-butyl Ether	3.123	73	575434	101.466	ug/l	99
20) Methylene Chloride	2.788	84	194970	88.357	ug/l	88
21) trans-1,2-Dichloroethene	3.087	96	172313	98.905	ug/l	86
22) Diisopropyl ether	3.770	45	574892	99.902	ug/l #	83
23) Vinyl Acetate	3.727	43	2549877	518.850	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	320481	99.448	ug/l	97
25) 2-Butanone	4.574	43	800937	510.865	ug/l	93
26) 2,2-Dichloropropane	4.471	77	235461	100.897	ug/l	92
27) cis-1,2-Dichloroethene	4.489	96	218930	100.333	ug/l	87
28) Bromochloromethane	4.898	49	127443	92.331	ug/l #	74
29) Tetrahydrofuran	5.019	42	527473	520.940	ug/l	95
30) Chloroform	5.099	83	334100	99.513	ug/l	97
31) Cyclohexane	5.464	56	259644	96.739	ug/l	94
32) 1,1,1-Trichloroethane	5.379	97	291162	103.787	ug/l	96
36) 1,1-Dichloropropene	5.690	75	218728	100.319	ug/l	95
37) Ethyl Acetate	4.727	43	295386	104.002	ug/l	97
38) Carbon Tetrachloride	5.678	117	250297	103.900	ug/l	98
39) Methylcyclohexane	7.379	83	279196	101.253	ug/l	92
40) Benzene	6.038	78	724571	98.535	ug/l	99

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41) Methacrylonitrile	4.928	41	164412	106.788	ug/l	93
42) 1,2-Dichloroethane	6.092	62	236316	99.769	ug/l	91
43) Isopropyl Acetate	6.348	43	457363	104.910	ug/l #	94
44) Trichloroethene	7.123	130	201146	102.048	ug/l	87
45) 1,2-Dichloropropane	7.434	63	183479	101.475	ug/l	99
46) Dibromomethane	7.580	93	134738	102.274	ug/l #	77
47) Bromodichloromethane	7.824	83	257056	106.276	ug/l	97
48) Methyl methacrylate	7.696	41	228488	109.819	ug/l	86
49) 1,4-Dioxane	7.665	88	114466	2057.710	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	1575925	524.774	ug/l	94
52) Toluene	8.720	92	474759	101.388	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	268882	101.442	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	292409	110.422	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	200539	102.803	ug/l	97
56) Ethyl methacrylate	9.116	69	338616	111.581	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	320747	101.773	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	733642	518.766	ug/l	93
59) 2-Hexanone	9.433	43	1228709	534.204	ug/l	91
60) Dibromochloromethane	9.525	129	237675	112.168	ug/l	98
61) 1,2-Dibromoethane	9.610	107	209513	103.565	ug/l	99
64) Tetrachloroethene	9.275	164	189548	95.513	ug/l	90
65) Chlorobenzene	10.079	112	559259	98.657	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	206790	104.193	ug/l	99
67) Ethyl Benzene	10.195	91	904972	101.868	ug/l	97
68) m/p-Xylenes	10.305	106	724792	202.108	ug/l	90
69) o-Xylene	10.640	106	363621	102.416	ug/l	91
70) Styrene	10.659	104	631251	106.027	ug/l	94
71) Bromoform	10.799	173	202301	100.389	ug/l #	99
73) Isopropylbenzene	10.963	105	925296	98.703	ug/l	96
74) N-amyl acetate	10.842	43	430023	103.268	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	330271	94.750	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	259208m	92.610	ug/l	
77) Bromobenzene	11.201	156	272023	97.430	ug/l	79
78) n-propylbenzene	11.305	91	1026387	100.907	ug/l	95
79) 2-Chlorotoluene	11.366	91	634410	96.805	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	779189	99.790	ug/l	94
81) trans-1,4-Dichloro-2-b...	11.018	75	108206	109.790	ug/l #	84
82) 4-Chlorotoluene	11.457	91	728747	100.592	ug/l	92
83) tert-Butylbenzene	11.713	119	863358	100.768	ug/l	89
84) 1,2,4-Trimethylbenzene	11.750	105	795356	101.529	ug/l	92
85) sec-Butylbenzene	11.890	105	987837	101.935	ug/l	94
86) p-Isopropyltoluene	12.006	119	876390	103.527	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	488925	99.628	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	491648	97.869	ug/l	95
89) n-Butylbenzene	12.329	91	707016	108.497	ug/l	97
90) Hexachloroethane	12.536	117	153734	106.668	ug/l	60
91) 1,2-Dichlorobenzene	12.335	146	493369	98.248	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	75618	109.469	ug/l #	50
93) 1,2,4-Trichlorobenzene	13.585	180	351543	106.864	ug/l	96
94) Hexachlorobutadiene	13.725	225	166519	100.104	ug/l	99
95) Naphthalene	13.774	128	1100001	98.773	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	360619	103.941	ug/l	95

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

