

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081424\
 Data File : VX043026.D
 Acq On : 14 Aug 2024 12:53
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 14 14:01:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 14 13:56:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2024
 Supervised By : Mahesh Dadoda 08/15/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	131969	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	239437	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	103860	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	171467	98.880	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.760%#			
35) Dibromofluoromethane	5.385	113	148170	100.031	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 200.060%#			
50) Toluene-d8	8.647	98	580194	101.469	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 202.940%#			
62) 4-Bromofluorobenzene	11.079	95	216302	104.327	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 208.660%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	137254	102.869	ug/l	97
3) Chloromethane	1.300	50	198906	100.708	ug/l	98
4) Vinyl Chloride	1.374	62	200925	101.284	ug/l	100
5) Bromomethane	1.599	94	59321	98.686	ug/l	99
6) Chloroethane	1.660	64	58945	94.277	ug/l	100
7) Trichlorofluoromethane	1.867	101	193227	93.156	ug/l	99
8) Diethyl Ether	2.136	74	91765	95.633	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.312	101	149842	101.015	ug/l	98
10) Methyl Iodide	2.441	142	174668	103.085	ug/l	# 87
11) Tert butyl alcohol	3.007	59	233564	520.914	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	159241	100.040	ug/l	87
13) Acrolein	2.239	56	232158	513.274	ug/l	97
14) Allyl chloride	2.660	41	277727	93.091	ug/l	88
15) Acrylonitrile	3.075	53	563213	508.242	ug/l	97
16) Acetone	2.398	43	430950	501.063	ug/l	# 85
17) Carbon Disulfide	2.495	76	452895	99.214	ug/l	100
18) Methyl Acetate	2.709	43	277498	97.636	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	548103	102.169	ug/l	96
20) Methylene Chloride	2.788	84	180660	90.834	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	166512	100.305	ug/l	91
22) Diisopropyl ether	3.770	45	633262	103.947	ug/l	# 85
23) Vinyl Acetate	3.727	43	3700083	520.974	ug/l	97
24) 1,1-Dichloroethane	3.605	63	311117	101.256	ug/l	98
25) 2-Butanone	4.568	43	771010	511.374	ug/l	97
26) 2,2-Dichloropropane	4.471	77	245886	100.452	ug/l	94
27) cis-1,2-Dichloroethene	4.483	96	200335	99.979	ug/l	92
28) Bromochloromethane	4.903	49	126363	90.907	ug/l	100
29) Tetrahydrofuran	5.013	42	537344	514.204	ug/l	99
30) Chloroform	5.092	83	295936	100.263	ug/l	95
31) Cyclohexane	5.464	56	288239	99.742	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	252034	102.286	ug/l	99
36) 1,1-Dichloropropene	5.690	75	210638	102.360	ug/l	97
37) Ethyl Acetate	4.721	43	307479	106.070	ug/l	98
38) Carbon Tetrachloride	5.672	117	212153	101.957	ug/l	96
39) Methylcyclohexane	7.379	83	291073	102.168	ug/l	94
40) Benzene	6.037	78	707409	100.906	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	165931	108.609	ug/l	94
42) 1,2-Dichloroethane	6.086	62	208135	102.066	ug/l	93
43) Isopropyl Acetate	6.348	43	479487	102.517	ug/l	97
44) Trichloroethene	7.123	130	161404	101.668	ug/l	95
45) 1,2-Dichloropropane	7.427	63	176994	102.589	ug/l	99
46) Dibromomethane	7.580	93	117665	99.746	ug/l	94
47) Bromodichloromethane	7.824	83	233192	101.813	ug/l	98
48) Methyl methacrylate	7.696	41	224664	100.342	ug/l	90
49) 1,4-Dioxane	7.665	88	96554	2007.917	ug/l #	93
51) 4-Methyl-2-Pentanone	8.580	43	1553234	522.552	ug/l	98
52) Toluene	8.720	92	435410	102.816	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	262645	105.007	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	283031	102.885	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	169895	102.138	ug/l	94
56) Ethyl methacrylate	9.116	69	318390	105.704	ug/l	94
57) 1,3-Dichloropropane	9.311	76	286702	101.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	722674	511.281	ug/l	98
59) 2-Hexanone	9.433	43	1218684	533.541	ug/l	95
60) Dibromochloromethane	9.518	129	184678	105.294	ug/l	99
61) 1,2-Dibromoethane	9.610	107	175405	104.566	ug/l	99
64) Tetrachloroethene	9.275	164	134995	99.918	ug/l	98
65) Chlorobenzene	10.079	112	463139	102.546	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	153650	100.961	ug/l	97
67) Ethyl Benzene	10.195	91	803856	102.423	ug/l	99
68) m/p-Xylenes	10.299	106	616970	204.429	ug/l	95
69) o-Xylene	10.640	106	311403	102.708	ug/l	94
70) Styrene	10.652	104	539634	106.157	ug/l	96
71) Bromoform	10.799	173	135710	107.373	ug/l #	100
73) Isopropylbenzene	10.963	105	777479	98.135	ug/l	97
74) N-amyl acetate	10.841	43	469285	103.996	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	295387	96.860	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	233605m	76.968	ug/l	
77) Bromobenzene	11.201	156	185471	97.446	ug/l	98
78) n-propylbenzene	11.305	91	923754	102.310	ug/l	100
79) 2-Chlorotoluene	11.366	91	556428	99.019	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	645100	98.842	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	114070	104.529	ug/l #	79
82) 4-Chlorotoluene	11.451	91	637776	101.849	ug/l	98
83) tert-Butylbenzene	11.713	119	663862	98.281	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	660028	100.242	ug/l	95
85) sec-Butylbenzene	11.890	105	839845	102.425	ug/l	99
86) p-Isopropyltoluene	12.012	119	685687	102.356	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	346728	101.314	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	352351	100.625	ug/l	98
89) n-Butylbenzene	12.329	91	633239	109.194	ug/l	99
90) Hexachloroethane	12.536	117	137646	102.301	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	341738	99.038	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	61380	102.884	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	210320	108.290	ug/l	97
94) Hexachlorobutadiene	13.725	225	75385	104.014	ug/l	98
95) Naphthalene	13.774	128	796900	103.893	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	206011	103.708	ug/l	97

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

