

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042881.D
 Acq On : 06 Aug 2024 19:51
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 07 02:39:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:27:24 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/07/2024
 Supervised By : Mahesh Dadoda 08/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	239600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	404077	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	363861	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	329194	100.082	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 200.160%#			
35) Dibromofluoromethane	5.385	113	271187	102.643	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 205.280%#			
50) Toluene-d8	8.647	98	945465	100.803	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 201.600%#			
62) 4-Bromofluorobenzene	11.079	95	356307	105.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 211.440%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	273681	105.971	ug/l	99
3) Chloromethane	1.301	50	274998	97.728	ug/l	98
4) Vinyl Chloride	1.374	62	271642	101.744	ug/l	98
5) Bromomethane	1.599	94	167747	103.816	ug/l	98
6) Chloroethane	1.660	64	135964	89.391	ug/l	95
7) Trichlorofluoromethane	1.868	101	349010	84.056	ug/l	100
8) Diethyl Ether	2.136	74	146493	95.921	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.313	101	256271	98.168	ug/l	96
10) Methyl Iodide	2.441	142	293447	108.711	ug/l	94
11) Tert butyl alcohol	3.002	59	343526	525.069	ug/l #	91
12) 1,1-Dichloroethene	2.307	96	262417	99.366	ug/l	89
13) Acrolein	2.239	56	328105	508.778	ug/l	99
14) Allyl chloride	2.660	41	379995	95.227	ug/l	94
15) Acrylonitrile	3.075	53	823823	493.347	ug/l	99
16) Acetone	2.398	43	669358	469.175	ug/l	93
17) Carbon Disulfide	2.502	76	661627	102.952	ug/l	100
18) Methyl Acetate	2.709	43	417152	92.206	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	888727	99.982	ug/l	98
20) Methylene Chloride	2.788	84	291927	101.038	ug/l	90
21) trans-1,2-Dichloroethene	3.087	96	266711	100.381	ug/l	90
22) Diisopropyl ether	3.770	45	863913	98.550	ug/l	86
23) Vinyl Acetate	3.727	43	5100144	512.610	ug/l	97
24) 1,1-Dichloroethane	3.605	63	495710	98.322	ug/l	99
25) 2-Butanone	4.568	43	1117565	498.806	ug/l	95
26) 2,2-Dichloropropane	4.477	77	305176	98.460	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	320002	101.556	ug/l	90
28) Bromochloromethane	4.904	49	185406	95.839	ug/l	88
29) Tetrahydrofuran	5.013	42	739176	488.235	ug/l	95
30) Chloroform	5.093	83	523323	99.151	ug/l	100
31) Cyclohexane	5.464	56	416521	101.204	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	476787	102.615	ug/l	97
36) 1,1-Dichloropropene	5.690	75	351504	98.128	ug/l	98
37) Ethyl Acetate	4.727	43	435546	97.180	ug/l	98
38) Carbon Tetrachloride	5.678	117	408243	100.960	ug/l	97
39) Methylcyclohexane	7.379	83	448936	105.427	ug/l	95
40) Benzene	6.038	78	1099513	98.901	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	236252	102.344	ug/l	94
42) 1,2-Dichloroethane	6.086	62	397654	98.338	ug/l	98
43) Isopropyl Acetate	6.348	43	689828	104.074	ug/l	97
44) Trichloroethene	7.123	130	275986	98.798	ug/l	99
45) 1,2-Dichloropropane	7.428	63	275925	97.840	ug/l	96
46) Dibromomethane	7.580	93	206898	99.890	ug/l	94
47) Bromodichloromethane	7.824	83	401660	104.390	ug/l	96
48) Methyl methacrylate	7.696	41	336126	105.758	ug/l	91
49) 1,4-Dioxane	7.665	88	148110	2015.621	ug/l #	91
51) 4-Methyl-2-Pentanone	8.580	43	2239751	504.467	ug/l	97
52) Toluene	8.720	92	687792	101.993	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	395752	111.266	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	422736	107.618	ug/l	90
55) 1,1,2-Trichloroethane	9.153	97	279656	102.011	ug/l	97
56) Ethyl methacrylate	9.116	69	479033	108.588	ug/l	93
57) 1,3-Dichloropropane	9.311	76	453266	100.929	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1122954	540.096	ug/l	100
59) 2-Hexanone	9.433	43	1746944	507.789	ug/l	96
60) Dibromochloromethane	9.525	129	323698	107.485	ug/l	99
61) 1,2-Dibromoethane	9.610	107	295997	102.193	ug/l	100
64) Tetrachloroethene	9.275	164	249669	98.685	ug/l	97
65) Chlorobenzene	10.080	112	765606	99.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	274617	103.146	ug/l	100
67) Ethyl Benzene	10.195	91	1331518	102.520	ug/l	98
68) m/p-Xylenes	10.299	106	1020743	205.869	ug/l	99
69) o-Xylene	10.640	106	504692	101.612	ug/l	99
70) Styrene	10.653	104	862587	107.999	ug/l	97
71) Bromoform	10.799	173	239765	101.174	ug/l #	99
73) Isopropylbenzene	10.964	105	1302345	97.462	ug/l	99
74) N-amyl acetate	10.842	43	627143	104.306	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	447896	91.497	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	365479m	90.148	ug/l	
77) Bromobenzene	11.195	156	329232	96.857	ug/l	91
78) n-propylbenzene	11.305	91	1496508	100.822	ug/l	99
79) 2-Chlorotoluene	11.366	91	917262	96.417	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	1112024	100.504	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	137452	107.522	ug/l	89
82) 4-Chlorotoluene	11.451	91	1057837	98.925	ug/l	98
83) tert-Butylbenzene	11.713	119	1144862	100.685	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	1129383	101.391	ug/l	99
85) sec-Butylbenzene	11.890	105	1373197	102.560	ug/l	99
86) p-Isopropyltoluene	12.006	119	1163797	104.620	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	595839	96.858	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	599711	95.107	ug/l	97
89) n-Butylbenzene	12.329	91	1039959	108.366	ug/l	98
90) Hexachloroethane	12.536	117	209610	103.010	ug/l	86
91) 1,2-Dichlorobenzene	12.335	146	605189	98.243	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	106582	99.089	ug/l	82
93) 1,2,4-Trichlorobenzene	13.585	180	385643	102.632	ug/l	96
94) Hexachlorobutadiene	13.725	225	162811	102.165	ug/l	98
95) Naphthalene	13.774	128	1375504	105.787	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	395105	104.460	ug/l	99

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

