

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010924\
 Data File : VX039684.D
 Acq On : 09 Jan 2024 17:15
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jan 10 07:19:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010924W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 10 07:08:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/10/2024
 Supervised By :Mahesh Dadoda 01/10/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	107101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	196706	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	82840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	171269	95.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 191.420%#			
35) Dibromofluoromethane	5.385	113	124750	97.052	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 194.100%#			
50) Toluene-d8	8.647	98	464888	95.474	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 190.940%#			
62) 4-Bromofluorobenzene	11.079	95	182551	100.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 200.220%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	148042	102.857	ug/l	98
3) Chloromethane	1.294	50	155367	96.738	ug/l	100
4) Vinyl Chloride	1.374	62	158111	103.827	ug/l	99
5) Bromomethane	1.599	94	68943	94.497	ug/l	96
6) Chloroethane	1.666	64	60731	83.187	ug/l	98
7) Trichlorofluoromethane	1.867	101	220279	98.398	ug/l	99
8) Diethyl Ether	2.136	74	81420	100.245	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	135606	101.969	ug/l	97
10) Methyl Iodide	2.447	142	161333	107.671	ug/l	95
11) Tert butyl alcohol	3.020	59	212278	450.691	ug/l #	93
12) 1,1-Dichloroethene	2.312	96	129960	98.618	ug/l	96
13) Acrolein	2.239	56	145107	453.852	ug/l	99
14) Allyl chloride	2.660	41	258964	100.646	ug/l	98
15) Acrylonitrile	3.068	53	465371	482.014	ug/l	100
16) Acetone	2.386	43	472181	488.983	ug/l	94
17) Carbon Disulfide	2.508	76	369333	97.155	ug/l	99
18) Methyl Acetate	2.703	43	206507	97.158	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	466416	100.670	ug/l	99
20) Methylene Chloride	2.788	84	151047	94.195	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	135305	98.560	ug/l	98
22) Diisopropyl ether	3.763	45	486556	99.506	ug/l	91
23) Vinyl Acetate	3.721	43	2341137	516.748	ug/l	99
24) 1,1-Dichloroethane	3.605	63	272137	100.734	ug/l	100
25) 2-Butanone	4.562	43	693129	491.017	ug/l	99
26) 2,2-Dichloropropane	4.471	77	226293	106.187	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	158372	100.320	ug/l	99
28) Bromochloromethane	4.897	49	120838	97.660	ug/l	95
29) Tetrahydrofuran	5.007	42	445035	483.479	ug/l	99
30) Chloroform	5.092	83	270069	102.370	ug/l	98
31) Cyclohexane	5.464	56	243883	100.199	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	237863	106.013	ug/l	99
36) 1,1-Dichloropropene	5.690	75	200307	99.633	ug/l	99
37) Ethyl Acetate	4.714	43	260180	99.128	ug/l	100
38) Carbon Tetrachloride	5.678	117	197791	104.477	ug/l	97
39) Methylcyclohexane	7.379	83	247760	102.201	ug/l	100
40) Benzene	6.037	78	577648	99.520	ug/l	99

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41) Methacrylonitrile	4.922	41	136470	102.810	ug/l	96
42) 1,2-Dichloroethane	6.086	62	228237	101.648	ug/l	99
43) Isopropyl Acetate	6.342	43	415380	103.416	ug/l	99
44) Trichloroethene	7.123	130	139511	100.040	ug/l	97
45) 1,2-Dichloropropane	7.427	63	157299	99.365	ug/l	99
46) Dibromomethane	7.580	93	107653	102.567	ug/l	96
47) Bromodichloromethane	7.824	83	205954	106.441	ug/l	97
48) Methyl methacrylate	7.696	41	202401	106.505	ug/l	96
49) 1,4-Dioxane	7.665	88	71350	1845.675	ug/l #	99
51) 4-Methyl-2-Pentanone	8.580	43	1329480	497.259	ug/l	98
52) Toluene	8.720	92	350491	100.151	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	233455	110.744	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	245885	107.457	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	145689	99.633	ug/l	95
56) Ethyl methacrylate	9.116	69	255828	108.567	ug/l	97
57) 1,3-Dichloropropane	9.305	76	248344	100.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	582666	524.692	ug/l	95
59) 2-Hexanone	9.433	43	1074721	504.069	ug/l	100
60) Dibromochloromethane	9.525	129	148855	112.277	ug/l	99
61) 1,2-Dibromoethane	9.610	107	154834	102.528	ug/l	100
64) Tetrachloroethene	9.275	164	107769	96.843	ug/l	97
65) Chlorobenzene	10.079	112	361970	98.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	134960	105.345	ug/l	99
67) Ethyl Benzene	10.195	91	688846	101.592	ug/l	98
68) m/p-Xylenes	10.299	106	496436	198.680	ug/l	93
69) o-Xylene	10.640	106	247716	99.905	ug/l	92
70) Styrene	10.659	104	415255	104.914	ug/l	96
71) Bromoform	10.799	173	105704	114.416	ug/l #	99
73) Isopropylbenzene	10.963	105	663017	96.529	ug/l	99
74) N-amyl acetate	10.841	43	388526	106.196	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	252745	94.983	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	208793m	93.371	ug/l	
77) Bromobenzene	11.201	156	144501	93.637	ug/l	91
78) n-propylbenzene	11.305	91	820128	101.113	ug/l	97
79) 2-Chlorotoluene	11.366	91	485753	95.610	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	569757	97.133	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	81749	112.190	ug/l	96
82) 4-Chlorotoluene	11.451	91	560081	97.283	ug/l	98
83) tert-Butylbenzene	11.713	119	561154	99.262	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	579682	99.140	ug/l	99
85) sec-Butylbenzene	11.890	105	719083	102.035	ug/l	98
86) p-Isopropyltoluene	12.006	119	579115	103.311	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	281823	96.719	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	280397	96.515	ug/l	99
89) n-Butylbenzene	12.329	91	559934	108.478	ug/l	96
90) Hexachloroethane	12.536	117	108938	111.482	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	274008	94.219	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	67298	109.078	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	172304	104.015	ug/l	97
94) Hexachlorobutadiene	13.725	225	71140	103.366	ug/l	97
95) Naphthalene	13.774	128	655590	99.258	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	170542	100.690	ug/l	99

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

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