

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052924\
 Data File : VX041667.D
 Acq On : 29 May 2024 11:29
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: May 30 07:28:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:15:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/30/2024
 Supervised By : Semsettin Yesilyurt 05/30/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	185842	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	266913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	141103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	323596	141.972	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 283.940%#			
35) Dibromofluoromethane	5.385	113	270019	146.318	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 292.640%#			
50) Toluene-d8	8.647	98	953804	147.919	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 295.840%#			
62) 4-Bromofluorobenzene	11.079	95	366383	153.950	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 307.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	242799	148.687	ug/l	98
3) Chloromethane	1.301	50	252287	141.600	ug/l	98
4) Vinyl Chloride	1.374	62	263836	143.848	ug/l	100
5) Bromomethane	1.599	94	190701	149.293	ug/l	99
6) Chloroethane	1.666	64	135063	121.834	ug/l	99
7) Trichlorofluoromethane	1.868	101	451027	150.586	ug/l	99
8) Diethyl Ether	2.136	74	165216	143.126	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.319	101	249507	147.016	ug/l	89
10) Methyl Iodide	2.441	142	292286	138.111	ug/l	91
11) Tert butyl alcohol	3.020	59	331651	822.534	ug/l	# 94
12) 1,1-Dichloroethene	2.306	96	248217	149.835	ug/l	89
13) Acrolein	2.239	56	275803	734.477	ug/l	98
14) Allyl chloride	2.660	41	404534	148.435	ug/l	98
15) Acrylonitrile	3.075	53	735151	743.454	ug/l	99
16) Acetone	2.398	43	687578	747.181	ug/l	95
17) Carbon Disulfide	2.502	76	618598	168.799	ug/l	99
18) Methyl Acetate	2.709	43	312391	143.538	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	836982	151.010	ug/l	100
20) Methylene Chloride	2.788	84	272384	133.539	ug/l	92
21) trans-1,2-Dichloroethene	3.087	96	258961	150.665	ug/l	89
22) Diisopropyl ether	3.770	45	833854	149.714	ug/l	# 82
23) Vinyl Acetate	3.727	43	3919987	783.418	ug/l	95
24) 1,1-Dichloroethane	3.605	63	469717	149.144	ug/l	97
25) 2-Butanone	4.568	43	1047188	739.226	ug/l	96
26) 2,2-Dichloropropane	4.471	77	405000	156.737	ug/l	97
27) cis-1,2-Dichloroethene	4.483	96	313373	152.522	ug/l	91
28) Bromochloromethane	4.897	49	195659	144.243	ug/l	# 79
29) Tetrahydrofuran	5.013	42	666689	746.251	ug/l	96
30) Chloroform	5.093	83	492420	148.919	ug/l	98
31) Cyclohexane	5.464	56	396889	147.488	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	449539	155.138	ug/l	97
36) 1,1-Dichloropropene	5.690	75	336212	150.462	ug/l	96
37) Ethyl Acetate	4.721	43	413249	146.542	ug/l	99
38) Carbon Tetrachloride	5.672	117	398478	156.960	ug/l	98
39) Methylcyclohexane	7.379	83	430060	156.657	ug/l	93
40) Benzene	6.037	78	1037698	148.573	ug/l	100

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41) Methacrylonitrile	4.928	41	223584	162.116	ug/l	96
42) 1,2-Dichloroethane	6.086	62	384560	147.490	ug/l	96
43) Isopropyl Acetate	6.348	43	662347	155.567	ug/l	98
44) Trichloroethene	7.123	130	292358	153.908	ug/l	90
45) 1,2-Dichloropropane	7.428	63	255392	153.791	ug/l	99
46) Dibromomethane	7.580	93	197243	154.857	ug/l #	80
47) Bromodichloromethane	7.824	83	387003	164.094	ug/l	96
48) Methyl methacrylate	7.696	41	328019	160.428	ug/l	95
49) 1,4-Dioxane	7.671	88	140865	3153.149	ug/l #	86
51) 4-Methyl-2-Pentanone	8.580	43	2056431	744.844	ug/l	97
52) Toluene	8.720	92	679377	153.270	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	411049	177.064	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	431893	168.174	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	270329	151.293	ug/l	98
56) Ethyl methacrylate	9.116	69	456923	167.539	ug/l	98
57) 1,3-Dichloropropane	9.305	76	438360	147.772	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	1016051	791.334	ug/l	93
59) 2-Hexanone	9.433	43	1600445	760.340	ug/l	96
60) Dibromochloromethane	9.519	129	336207	169.619	ug/l	100
61) 1,2-Dibromoethane	9.610	107	289618	153.576	ug/l	99
64) Tetrachloroethene	9.275	164	273182	147.541	ug/l	91
65) Chlorobenzene	10.079	112	782527	147.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	290748	158.037	ug/l	98
67) Ethyl Benzene	10.195	91	1292389	152.956	ug/l	96
68) m/p-Xylenes	10.299	106	1043631	310.478	ug/l	91
69) o-Xylene	10.640	106	516335	154.410	ug/l	93
70) Styrene	10.653	104	891171	161.353	ug/l	96
71) Bromoform	10.799	173	283287	176.810	ug/l #	98
73) Isopropylbenzene	10.963	105	1306064	149.219	ug/l	96
74) N-amyl acetate	10.842	43	626597	161.610	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	435566	140.225	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	348760m	139.083	ug/l	
77) Bromobenzene	11.195	156	380368	147.226	ug/l	80
78) n-propylbenzene	11.305	91	1464696	152.397	ug/l	96
79) 2-Chlorotoluene	11.366	91	893095	144.574	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1108615	151.701	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	152891	169.257	ug/l	90
82) 4-Chlorotoluene	11.451	91	1053508	149.906	ug/l	92
83) tert-Butylbenzene	11.713	119	1210934	153.829	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	1115256	150.625	ug/l	93
85) sec-Butylbenzene	11.890	105	1385760	153.550	ug/l	94
86) p-Isopropyltoluene	12.006	119	1244738	157.262	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	687815	149.069	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	699333	147.034	ug/l	95
89) n-Butylbenzene	12.329	91	1044912	166.762	ug/l	97
90) Hexachloroethane	12.536	117	224485	166.752	ug/l	62
91) 1,2-Dichlorobenzene	12.335	146	696823	148.265	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	105183	167.618	ug/l	60
93) 1,2,4-Trichlorobenzene	13.585	180	519903	167.847	ug/l	95
94) Hexachlorobutadiene	13.725	225	234327	152.696	ug/l	99
95) Naphthalene	13.774	128	1516660	165.927	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	524753	164.611	ug/l	95

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

