

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032973.D
 Acq On : 22 Nov 2022 11:24
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Nov 22 11:51:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 10:04:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/23/2022
 Supervised By : Mahesh Dadoda 11/28/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	153090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241159	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	221513	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109975	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	210483	98.951	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.900%#			
35) Dibromofluoromethane	5.385	113	183225	106.513	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 213.020%#			
50) Toluene-d8	8.653	98	584429	97.705	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 195.420%#			
62) 4-Bromofluorobenzene	11.079	95	246419	105.463	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 210.920%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	164897	93.391	ug/l	99
3) Chloromethane	1.295	50	168010	112.515	ug/l	98
4) Vinyl Chloride	1.374	62	194642	118.441	ug/l	100
5) Bromomethane	1.618	94	157606	120.008	ug/l	97
6) Chloroethane	1.691	64	161738	146.705	ug/l	99
7) Trichlorofluoromethane	1.886	101	377319	121.175	ug/l	98
8) Diethyl Ether	2.136	74	123624	122.512	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	208544	126.891	ug/l	99
10) Methyl Iodide	2.453	142	266175	155.820	ug/l	99
11) Tert butyl alcohol	3.087	59	167301m	540.371	ug/l	
12) 1,1-Dichloroethene	2.319	96	202638	131.987	ug/l	98
13) Acrolein	2.239	56	202323	654.599	ug/l	100
14) Allyl chloride	2.666	41	331477	135.443	ug/l	98
15) Acrylonitrile	3.069	53	511996	609.342	ug/l	99
16) Acetone	2.392	43	473850	612.907	ug/l	100
17) Carbon Disulfide	2.514	76	526534	143.987	ug/l	100
18) Methyl Acetate	2.703	43	289494	115.148	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	719445	133.328	ug/l	98
20) Methylene Chloride	2.788	84	218253	123.125	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	225968	135.216	ug/l	98
22) Diisopropyl ether	3.757	45	728629	137.642	ug/l	# 88
23) Vinyl Acetate	3.727	43	2925295	683.986	ug/l	98
24) 1,1-Dichloroethane	3.611	63	398444	130.857	ug/l	100
25) 2-Butanone	4.568	43	703333	587.197	ug/l	99
26) 2,2-Dichloropropane	4.477	77	349894	144.558	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	263870	136.601	ug/l	100
28) Bromochloromethane	4.904	49	169853	156.608	ug/l	98
29) Tetrahydrofuran	5.007	42	453372	593.590	ug/l	98
30) Chloroform	5.093	83	453368	135.693	ug/l	100
31) Cyclohexane	5.471	56	358402	138.963	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	414243	138.163	ug/l	99
36) 1,1-Dichloropropene	5.696	75	324928	135.642	ug/l	100
37) Ethyl Acetate	4.715	43	292879	117.459	ug/l	99
38) Carbon Tetrachloride	5.678	117	365181	137.446	ug/l	98
39) Methylcyclohexane	7.385	83	375263	132.404	ug/l	99
40) Benzene	6.044	78	910669	134.341	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	167970	132.236	ug/l	97
42) 1,2-Dichloroethane	6.086	62	358382	129.332	ug/l	99
43) Isopropyl Acetate	6.342	43	499895	130.572	ug/l	99
44) Trichloroethene	7.123	130	253188	132.679	ug/l	98
45) 1,2-Dichloropropane	7.434	63	226551	130.193	ug/l	100
46) Dibromomethane	7.580	93	173689	130.151	ug/l	99
47) Bromodichloromethane	7.824	83	352288	139.284	ug/l	99
48) Methyl methacrylate	7.696	41	251853	127.374	ug/l	96
49) 1,4-Dioxane	7.720	88	77422	2054.625	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1418333	588.160	ug/l	97
52) Toluene	8.720	92	611324	138.224	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	385154	149.248	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	401866	145.593	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	247140	132.686	ug/l	99
56) Ethyl methacrylate	9.116	69	371466	138.587	ug/l	95
57) 1,3-Dichloropropane	9.311	76	391744	130.240	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	851330	659.623	ug/l	99
59) 2-Hexanone	9.433	43	1038253	580.243	ug/l	96
60) Dibromochloromethane	9.525	129	281156	138.200	ug/l	100
61) 1,2-Dibromoethane	9.610	107	263324	133.427	ug/l	100
64) Tetrachloroethene	9.275	164	225273	138.944	ug/l	97
65) Chlorobenzene	10.080	112	654192	131.841	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	252217	135.056	ug/l	99
67) Ethyl Benzene	10.195	91	1177751	132.731	ug/l	99
68) m/p-Xylenes	10.305	106	930629	270.097	ug/l	97
69) o-Xylene	10.647	106	456235	136.189	ug/l	96
70) Styrene	10.659	104	768858	138.099	ug/l	99
71) Bromoform	10.799	173	202890	137.410	ug/l #	99
73) Isopropylbenzene	10.964	105	1198335	137.509	ug/l	99
74) N-amyl acetate	10.848	43	429383	130.403	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	342555	122.461	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	301669m	123.298	ug/l	
77) Bromobenzene	11.201	156	287888	134.749	ug/l	99
78) n-propylbenzene	11.305	91	1384647	137.907	ug/l	99
79) 2-Chlorotoluene	11.366	91	806125	134.064	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	1012133	135.892	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	113500	147.612	ug/l	92
82) 4-Chlorotoluene	11.457	91	949842	134.997	ug/l	98
83) tert-Butylbenzene	11.719	119	994189	133.701	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	984577	132.910	ug/l	100
85) sec-Butylbenzene	11.890	105	1194139	133.463	ug/l	99
86) p-Isopropyltoluene	12.012	119	1012028	133.299	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	530020	131.514	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	532176	127.285	ug/l	99
89) n-Butylbenzene	12.335	91	905200	137.048	ug/l	99
90) Hexachloroethane	12.543	117	175697	141.680	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	516590	129.999	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	75933	123.807	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	337474	130.246	ug/l	99
94) Hexachlorobutadiene	13.725	225	137694	127.243	ug/l	99
95) Naphthalene	13.774	128	1100518	127.469	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	338189	128.400	ug/l	99

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

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