

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102622\
 Data File : VX032404.D
 Acq On : 26 Oct 2022 14:58
 Operator : JC/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 27 07:02:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 06:59:10 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/27/2022
 Supervised By : Mahesh Dadoda 10/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	129978	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	206361	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	194400	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	101277	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	273115	151.225	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 302.460%#			
35) Dibromofluoromethane	5.391	113	222559	151.196	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 302.400%#			
50) Toluene-d8	8.653	98	796666	155.646	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 311.300%#			
62) 4-Bromofluorobenzene	11.085	95	322016	161.058	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 322.120%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	237270	158.274	ug/l	99
3) Chloromethane	1.288	50	195244	154.004	ug/l	98
4) Vinyl Chloride	1.374	62	215367	154.356	ug/l	100
5) Bromomethane	1.605	94	164653	147.667	ug/l	99
6) Chloroethane	1.672	64	150393	160.670	ug/l	99
7) Trichlorofluoromethane	1.880	101	400297	151.413	ug/l	100
8) Diethyl Ether	2.136	74	132287	154.408	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	206867	148.252	ug/l	99
10) Methyl Iodide	2.447	142	239867	165.387	ug/l	100
11) Tert butyl alcohol	3.014	59	197363m	750.835	ug/l	
12) 1,1-Dichloroethene	2.319	96	198339	152.158	ug/l	98
13) Acrolein	2.239	56	192562	733.800	ug/l	100
14) Allyl chloride	2.660	41	319220	153.627	ug/l	99
15) Acrylonitrile	3.068	53	535879	751.170	ug/l	98
16) Acetone	2.386	43	456415	695.329	ug/l	100
17) Carbon Disulfide	2.508	76	500292	161.138	ug/l	99
18) Methyl Acetate	2.703	43	321894	150.802	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	713550	155.749	ug/l	99
20) Methylene Chloride	2.788	84	214644	142.620	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	219410	154.638	ug/l	99
22) Diisopropyl ether	3.763	45	710055	157.985	ug/l	100
23) Vinyl Acetate	3.727	43	2911729	801.873	ug/l	98
24) 1,1-Dichloroethane	3.611	63	394163	152.469	ug/l	100
25) 2-Butanone	4.562	43	748628	736.149	ug/l	99
26) 2,2-Dichloropropane	4.477	77	334549	162.795	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	255106	155.548	ug/l	99
28) Bromochloromethane	4.903	49	127325	138.271	ug/l	99
29) Tetrahydrofuran	5.007	42	496672	765.850	ug/l	99
30) Chloroform	5.099	83	443119	156.208	ug/l	98
31) Cyclohexane	5.477	56	343806	157.007	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	408206	160.359	ug/l	99
36) 1,1-Dichloropropene	5.696	75	316064	154.191	ug/l	99
37) Ethyl Acetate	4.715	43	312844	146.622	ug/l	99
38) Carbon Tetrachloride	5.684	117	364258	160.217	ug/l	98
39) Methylcyclohexane	7.385	83	383349	158.065	ug/l	99
40) Benzene	6.044	78	887339	152.973	ug/l	100

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41) Methacrylonitrile	4.928	41	174054	160.132	ug/l	98
42) 1,2-Dichloroethane	6.092	62	365460	154.126	ug/l	100
43) Isopropyl Acetate	6.342	43	521686	159.242	ug/l	99
44) Trichloroethene	7.129	130	247982	151.864	ug/l	96
45) 1,2-Dichloropropane	7.434	63	225452	151.409	ug/l	100
46) Dibromomethane	7.580	93	172668	151.204	ug/l	100
47) Bromodichloromethane	7.824	83	348748	161.136	ug/l	99
48) Methyl methacrylate	7.696	41	263542	155.761	ug/l	99
49) 1,4-Dioxane	7.677	88	92615	2872.271	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1537275	744.980	ug/l	98
52) Toluene	8.720	92	599059	158.292	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	383439	173.638	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	392729	166.276	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	248752	156.072	ug/l	99
56) Ethyl methacrylate	9.116	69	382089	166.588	ug/l	98
57) 1,3-Dichloropropane	9.311	76	395797	153.777	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	886155	802.387	ug/l	99
59) 2-Hexanone	9.433	43	1139499	744.212	ug/l	97
60) Dibromochloromethane	9.525	129	287328	165.050	ug/l	100
61) 1,2-Dibromoethane	9.610	107	267984	158.686	ug/l	100
64) Tetrachloroethene	9.275	164	212406	149.280	ug/l	96
65) Chlorobenzene	10.079	112	653307	150.025	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	252808	154.253	ug/l	100
67) Ethyl Benzene	10.195	91	1181742	151.756	ug/l	99
68) m/p-Xylenes	10.305	106	942727	311.768	ug/l	98
69) o-Xylene	10.646	106	462709	157.386	ug/l	97
70) Styrene	10.659	104	788594	161.398	ug/l	99
71) Bromoform	10.805	173	214496	165.531	ug/l #	99
73) Isopropylbenzene	10.963	105	1234160	153.782	ug/l	99
74) N-amyl acetate	10.848	43	472223	155.730	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	371386	144.170	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	325059m	152.803	ug/l	
77) Bromobenzene	11.201	156	299322	152.133	ug/l	99
78) n-propylbenzene	11.305	91	1418332	153.394	ug/l	99
79) 2-Chlorotoluene	11.366	91	835339	150.853	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	1054374	153.722	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	123328	174.169	ug/l	92
82) 4-Chlorotoluene	11.457	91	990139	152.810	ug/l	99
83) tert-Butylbenzene	11.719	119	1040465	151.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	1024280	150.145	ug/l	99
85) sec-Butylbenzene	11.890	105	1274400	154.666	ug/l	99
86) p-Isopropyltoluene	12.012	119	1088879	155.739	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	551553	148.611	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	559600	145.347	ug/l	99
89) n-Butylbenzene	12.335	91	972361	159.860	ug/l	100
90) Hexachloroethane	12.542	117	187353	164.054	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	547156	149.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	89850	159.080	ug/l	99
93) 1,2,4-Trichlorobenzene	13.591	180	370684	155.350	ug/l	99
94) Hexachlorobutadiene	13.725	225	145253	145.757	ug/l	99
95) Naphthalene	13.774	128	1219999	153.444	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	369065	152.157	ug/l	100

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

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