

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100622\
 Data File : VX031916.D
 Acq On : 06 Oct 2022 12:58
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/07/2022
 Supervised By : Mahesh Dadoda 10/07/2022

Quant Time: Oct 06 13:22:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 06 13:10:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	70194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	106469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	134161	118.726	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 237.460%#			
35) Dibromofluoromethane	5.385	113	119054	101.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 202.920%#			
50) Toluene-d8	8.653	98	428515	102.781	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 205.560%#			
62) 4-Bromofluorobenzene	11.079	95	159469	106.015	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 212.040%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	101877	118.565	ug/l	97
3) Chloromethane	1.288	50	93208	119.459	ug/l	99
4) Vinyl Chloride	1.374	62	112802	114.386	ug/l	100
5) Bromomethane	1.611	94	79426	90.635	ug/l	97
6) Chloroethane	1.684	64	108178	126.934	ug/l	99
7) Trichlorofluoromethane	1.886	101	204357	102.486	ug/l	99
8) Diethyl Ether	2.130	74	70618	103.645	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	104152	107.183	ug/l	90
10) Methyl Iodide	2.453	142	121775	126.548	ug/l	99
11) Tert butyl alcohol	3.044	59	80774m	473.050	ug/l	
12) 1,1-Dichloroethene	2.319	96	98160	106.800	ug/l	87
13) Acrolein	2.239	56	50065	499.309	ug/l	100
14) Allyl chloride	2.660	41	142514	139.832	ug/l	96
15) Acrylonitrile	3.068	53	251516	594.045	ug/l	98
16) Acetone	2.392	43	195633	584.787	ug/l	94
17) Carbon Disulfide	2.507	76	222733	121.511	ug/l	99
18) Methyl Acetate	2.703	43	142222	129.510	ug/l	92
19) Methyl tert-butyl Ether	3.111	73	333856	116.743	ug/l	100
20) Methylene Chloride	2.788	84	108477	102.570	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	107094	104.687	ug/l	93
22) Diisopropyl ether	3.763	45	315310	132.658	ug/l	95
23) Vinyl Acetate	3.721	43	1261176	712.864	ug/l	96
24) 1,1-Dichloroethane	3.611	63	185066	117.817	ug/l	96
25) 2-Butanone	4.562	43	329892	616.349	ug/l	95
26) 2,2-Dichloropropane	4.477	77	149710	127.395	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	128625	107.012	ug/l	87
28) Bromochloromethane	4.897	49	85604	134.201	ug/l #	79
29) Tetrahydrofuran	5.013	42	215257	641.182	ug/l	92
30) Chloroform	5.098	83	209113	110.528	ug/l	97
31) Cyclohexane	5.470	56	158461	118.624	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	188073	113.832	ug/l	97
36) 1,1-Dichloropropene	5.696	75	148996	106.505	ug/l	96
37) Ethyl Acetate	4.714	43	138376	123.163	ug/l	98
38) Carbon Tetrachloride	5.678	117	166007	103.013	ug/l	99
39) Methylcyclohexane	7.385	83	183405	103.159	ug/l	92
40) Benzene	6.037	78	438181	104.479	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	74890	128.032	ug/l	95
42) 1,2-Dichloroethane	6.086	62	158783	111.883	ug/l	96
43) Isopropyl Acetate	6.342	43	229270	133.270	ug/l	96
44) Trichloroethene	7.123	130	130560	94.179	ug/l	91
45) 1,2-Dichloropropane	7.433	63	108098	113.563	ug/l	97
46) Dibromomethane	7.580	93	84226	102.818	ug/l #	90
47) Bromodichloromethane	7.824	83	161351	114.481	ug/l	99
48) Methyl methacrylate	7.696	41	108161	131.496	ug/l	92
49) 1,4-Dioxane	7.702	88	46187	1790.503	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	719260	620.338	ug/l	97
52) Toluene	8.720	92	292932	99.790	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	166592	129.630	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	183451	124.331	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	119691	99.291	ug/l	96
56) Ethyl methacrylate	9.116	69	171428	120.188	ug/l	94
57) 1,3-Dichloropropane	9.311	76	192341	105.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	426789	595.418	ug/l	92
59) 2-Hexanone	9.433	43	529558	628.496	ug/l	96
60) Dibromochloromethane	9.525	129	130654	109.354	ug/l	100
61) 1,2-Dibromoethane	9.610	107	126949	99.987	ug/l	98
64) Tetrachloroethene	9.275	164	127095	90.473	ug/l	99
65) Chlorobenzene	10.079	112	323731	97.648	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	120072	103.722	ug/l	98
67) Ethyl Benzene	10.195	91	563005	104.441	ug/l	99
68) m/p-Xylenes	10.305	106	448984	199.597	ug/l	98
69) o-Xylene	10.640	106	220625	99.885	ug/l	95
70) Styrene	10.658	104	366745	105.322	ug/l	98
71) Bromoform	10.799	173	92287	110.427	ug/l #	100
73) Isopropylbenzene	10.963	105	576805	105.415	ug/l	99
74) N-amyl acetate	10.847	43	209973	161.095	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	171816	110.893	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	153628m	118.002	ug/l	
77) Bromobenzene	11.201	156	142592	98.060	ug/l	94
78) n-propylbenzene	11.305	91	666660	112.884	ug/l	99
79) 2-Chlorotoluene	11.366	91	385163	107.261	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	486521	107.138	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	48379	147.150	ug/l	95
82) 4-Chlorotoluene	11.457	91	456633	110.973	ug/l	99
83) tert-Butylbenzene	11.719	119	481376	106.014	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	486879	107.348	ug/l	99
85) sec-Butylbenzene	11.890	105	599512	108.562	ug/l	100
86) p-Isopropyltoluene	12.012	119	519954	107.664	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	274601	99.745	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	275361	97.175	ug/l	98
89) n-Butylbenzene	12.335	91	445265	120.868	ug/l	99
90) Hexachloroethane	12.542	117	83518	127.880	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	266588	96.836	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36255	130.267	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	169530	97.911	ug/l	98
94) Hexachlorobutadiene	13.725	225	69268	99.050	ug/l	98
95) Naphthalene	13.774	128	576186	103.491	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	173094	99.301	ug/l	98

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

