

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111721\
 Data File : VX025184.D
 Acq On : 17 Nov 2021 12:05
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Nov 17 13:05:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 17 12:58:04 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/18/2021
 Supervised By : Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	123557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	194063	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	181589	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	126198	97.242	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 194.480%#			
35) Dibromofluoromethane	5.391	113	115958	96.030	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 192.060%#			
50) Toluene-d8	8.653	98	438494	96.479	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 192.960%#			
62) 4-Bromofluorobenzene	11.085	95	165355	96.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 193.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	119333	102.568	ug/l	100
3) Chloromethane	1.288	50	132760	95.488	ug/l	99
4) Vinyl Chloride	1.374	62	149366	96.842	ug/l	98
5) Bromomethane	1.593	94	55171	74.942	ug/l	99
6) Chloroethane	1.672	64	94089	92.474	ug/l	98
7) Trichlorofluoromethane	1.880	101	219373	95.366	ug/l	99
8) Diethyl Ether	2.136	74	86369	92.693	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	113630	94.918	ug/l	96
10) Methyl Iodide	2.447	142	161516	108.523	ug/l	91
11) Tert butyl alcohol	2.977	59	153402	428.042	ug/l	98
12) 1,1-Dichloroethene	2.313	96	113114	95.390	ug/l	89
13) Acrolein	2.239	56	28901	435.667	ug/l	99
14) Allyl chloride	2.660	41	194358	93.489	ug/l	94
15) Acrylonitrile	3.068	53	346812	476.928	ug/l	98
16) Acetone	2.386	43	342920	453.538	ug/l	93
17) Carbon Disulfide	2.508	76	309339	92.977	ug/l	98
18) Methyl Acetate	2.703	43	218159	92.174	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	387774	95.108	ug/l	99
20) Methylene Chloride	2.788	84	125371	91.162	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	123224	95.080	ug/l	86
22) Diisopropyl ether	3.764	45	390692	95.764	ug/l	98
23) Vinyl Acetate	3.727	43	1586083	485.069	ug/l	96
24) 1,1-Dichloroethane	3.611	63	212033	95.095	ug/l	96
25) 2-Butanone	4.562	43	514044	465.815	ug/l	98
26) 2,2-Dichloropropane	4.477	77	190121	92.768	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	144441	95.614	ug/l	90
28) Bromochloromethane	4.904	49	97000	93.840	ug/l	93
29) Tetrahydrofuran	5.007	42	318407	476.806	ug/l	98
30) Chloroform	5.099	83	218406	94.482	ug/l	96
31) Cyclohexane	5.471	56	196628	94.545	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	198919	94.819	ug/l	97
36) 1,1-Dichloropropene	5.696	75	165874	95.584	ug/l	97
37) Ethyl Acetate	4.721	43	189071	92.327	ug/l	99
38) Carbon Tetrachloride	5.678	117	183487	95.077	ug/l	99
39) Methylcyclohexane	7.385	83	215329	93.907	ug/l	93
40) Benzene	6.044	78	496782	94.188	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	103162	91.134	ug/l	96
42) 1,2-Dichloroethane	6.092	62	162227	95.609	ug/l	92
43) Isopropyl Acetate	6.342	43	313163	93.513	ug/l	97
44) Trichloroethene	7.129	130	144355	94.655	ug/l	96
45) 1,2-Dichloropropane	7.434	63	125851	95.790	ug/l	98
46) Dibromomethane	7.580	93	89432	94.636	ug/l	93
47) Bromodichloromethane	7.824	83	177877	96.288	ug/l	97
48) Methyl methacrylate	7.696	41	143715	92.548	ug/l	95
49) 1,4-Dioxane	7.659	88	60303	1774.341	ug/l	94
51) 4-Methyl-2-Pentanone	8.580	43	1010788	477.845	ug/l	98
52) Toluene	8.720	92	327125	94.485	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	202551	97.461	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	216683	98.172	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	131624	93.936	ug/l	98
56) Ethyl methacrylate	9.116	69	217508	98.258	ug/l	95
57) 1,3-Dichloropropane	9.311	76	217954	96.646	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	512465	510.854	ug/l	96
59) 2-Hexanone	9.433	43	797440	482.412	ug/l	96
60) Dibromochloromethane	9.525	129	152817	97.207	ug/l	99
61) 1,2-Dibromoethane	9.610	107	142343	96.568	ug/l	98
64) Tetrachloroethene	9.275	164	139625	90.950	ug/l	95
65) Chlorobenzene	10.079	112	361327	95.550	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	139173	94.636	ug/l	99
67) Ethyl Benzene	10.195	91	626405	94.843	ug/l	96
68) m/p-Xylenes	10.305	106	510797	191.948	ug/l	92
69) o-Xylene	10.646	106	251206	95.238	ug/l	90
70) Styrene	10.659	104	422188	97.019	ug/l	97
71) Bromoform	10.805	173	124367	97.614	ug/l #	100
73) Isopropylbenzene	10.963	105	639432	91.925	ug/l	98
74) N-amyl acetate	10.842	43	289976	95.734	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	206105	92.054	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	188244m	94.343	ug/l	
77) Bromobenzene	11.201	156	165229	91.546	ug/l	94
78) n-propylbenzene	11.305	91	746619	95.305	ug/l	98
79) 2-Chlorotoluene	11.366	91	437201	92.402	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	547942	93.949	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	77205	95.489	ug/l	87
82) 4-Chlorotoluene	11.457	91	514337	94.216	ug/l	97
83) tert-Butylbenzene	11.719	119	550504	92.772	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	542716	92.760	ug/l	95
85) sec-Butylbenzene	11.890	105	688496	94.417	ug/l	98
86) p-Isopropyltoluene	12.012	119	591471	95.356	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	309964	93.585	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	314250	94.388	ug/l	97
89) n-Butylbenzene	12.335	91	513490	98.295	ug/l	97
90) Hexachloroethane	12.542	117	111154	99.068	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	301355	93.937	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	46911	99.909	ug/l	82
93) 1,2,4-Trichlorobenzene	13.591	180	195951	105.055	ug/l	98
94) Hexachlorobutadiene	13.725	225	84139	94.637	ug/l	99
95) Naphthalene	13.780	128	649482	111.399	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	194855	106.640	ug/l	99

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

