

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024781.D
 Acq On : 13 Oct 2021 11:37
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
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 10/14/2021 2:35:54 PM

Quant Time: Oct 13 12:31:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 12:24:58 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	167391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	261386	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	250959	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136268	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	221706	93.98	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 187.96%#			
35) Dibromofluoromethane	5.391	113	171719	98.89	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 197.78%#			
50) Toluene-d8	8.653	98	642467	100.53	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 201.06%#			
62) 4-Bromofluorobenzene	11.085	95	257675	102.54	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.08%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	177868	105.60	ug/l	100
3) Chloromethane	1.294	50	148397	93.47	ug/l	99
4) Vinyl Chloride	1.374	62	159004	95.74	ug/l	100
5) Bromomethane	1.599	94	82296	73.62	ug/l	100
6) Chloroethane	1.672	64	102517	80.91	ug/l	99
7) Trichlorofluoromethane	1.880	101	271054	92.49	ug/l	98
8) Diethyl Ether	2.136	74	89952	90.17	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	154556	93.52	ug/l	99
10) Methyl Iodide	2.453	142	210129	90.87	ug/l	99
11) Tert butyl alcohol	2.983	59	220261	370.17	ug/l	99
12) 1,1-Dichloroethene	2.313	96	144979	94.48	ug/l	98
13) Acrolein	2.239	56	88231	695.82	ug/l	98
14) Allyl chloride	2.666	41	275701	98.28	ug/l	99
15) Acrylonitrile	3.075	53	489625	456.84	ug/l	99
16) Acetone	2.392	43	504999	458.85	ug/l	99
17) Carbon Disulfide	2.508	76	373078	90.60	ug/l	99
18) Methyl Acetate	2.709	43	340426	96.37	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	559634	96.78	ug/l	100
20) Methylene Chloride	2.788	84	167873	83.65	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	164692	94.52	ug/l	96
22) Diisopropyl ether	3.770	45	555681	96.95	ug/l	98
23) Vinyl Acetate	3.727	43	2175771	468.79	ug/l	100
24) 1,1-Dichloroethane	3.611	63	306388	96.28	ug/l	100
25) 2-Butanone	4.568	43	740730	455.91	ug/l	100
26) 2,2-Dichloropropane	4.483	77	277799	97.04	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	192052	94.30	ug/l	99
28) Bromochloromethane	4.910	49	142669	98.76	ug/l	99
29) Tetrahydrofuran	5.013	42	478537	462.24	ug/l	100
30) Chloroform	5.099	83	332104	94.49	ug/l	99
31) Cyclohexane	5.477	56	281054	99.49	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	304256	97.51	ug/l	98
36) 1,1-Dichloropropene	5.696	75	239520	95.59	ug/l	100
37) Ethyl Acetate	4.727	43	274936	87.88	ug/l	99
38) Carbon Tetrachloride	5.684	117	271014	99.36	ug/l	96
39) Methylcyclohexane	7.385	83	297849	101.51	ug/l	99
40) Benzene	6.044	78	685284	95.64	ug/l	100

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41) Methacrylonitrile	4.928	41	152727	94.53	ug/l	99
42) 1,2-Dichloroethane	6.092	62	274137	91.10	ug/l	100
43) Isopropyl Acetate	6.348	43	437632	92.01	ug/l	99
44) Trichloroethene	7.129	130	191675	97.23	ug/l	100
45) 1,2-Dichloropropane	7.440	63	177658	96.11	ug/l	100
46) Dibromomethane	7.586	93	129965	93.76	ug/l	98
47) Bromodichloromethane	7.830	83	253818	99.91	ug/l	96
48) Methyl methacrylate	7.702	41	219090	93.03	ug/l	99
49) 1,4-Dioxane	7.665	88	90890	1684.93	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	1440603	458.80	ug/l	98
52) Toluene	8.720	92	453825	98.05	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	293499	101.93	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	300247	102.55	ug/l	98
55) 1,1,2-Trichloroethane	9.159	97	189831	99.19	ug/l	98
56) Ethyl methacrylate	9.122	69	307100	100.82	ug/l	97
57) 1,3-Dichloropropane	9.311	76	309506	95.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	714598	475.26	ug/l	100
59) 2-Hexanone	9.433	43	1138567	460.44	ug/l	97
60) Dibromochloromethane	9.525	129	206670	106.55	ug/l	100
61) 1,2-Dibromoethane	9.616	107	208026	99.01	ug/l	100
64) Tetrachloroethene	9.275	164	178113	102.55	ug/l	98
65) Chlorobenzene	10.086	112	496466	94.96	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	191797	98.44	ug/l	99
67) Ethyl Benzene	10.195	91	893677	96.57	ug/l	99
68) m/p-Xylenes	10.305	106	711363	200.45	ug/l	99
69) o-Xylene	10.646	106	349800	99.68	ug/l	97
70) Styrene	10.659	104	595098	101.41	ug/l	99
71) Bromoform	10.805	173	157634	106.01	ug/l #	100
73) Isopropylbenzene	10.963	105	923334	95.85	ug/l	100
74) N-amyl acetate	10.848	43	398661	89.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	301261	88.43	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	282526m	91.30	ug/l	
77) Bromobenzene	11.201	156	231871	93.54	ug/l	98
78) n-propylbenzene	11.305	91	1076914	95.63	ug/l	99
79) 2-Chlorotoluene	11.366	91	651755	95.01	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	806418	97.99	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	106060	101.75	ug/l	96
82) 4-Chlorotoluene	11.457	91	761754	94.38	ug/l	100
83) tert-Butylbenzene	11.719	119	790825	95.85	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	809739	98.96	ug/l	100
85) sec-Butylbenzene	11.896	105	999602	98.48	ug/l	100
86) p-Isopropyltoluene	12.012	119	858344	99.17	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	441907	93.61	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	443131	90.87	ug/l	99
89) n-Butylbenzene	12.335	91	757387	98.82	ug/l	99
90) Hexachloroethane	12.542	117	140243	98.54	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	438075	93.87	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	74878	91.03	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	286705	96.49	ug/l	99
94) Hexachlorobutadiene	13.725	225	124137	91.33	ug/l	97
95) Naphthalene	13.780	128	982481	103.30	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	287846	94.54	ug/l	99

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

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