

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024200.D
 Acq On : 14 Sep 2021 11:24
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:54:14 PM

Quant Time: Sep 14 11:53:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 11:30:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	236906	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	375592	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	364304	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	176472	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	334405	98.495	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 197.000%#			
35) Dibromofluoromethane	5.397	113	258191	99.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 198.560%#			
50) Toluene-d8	8.653	98	951979	101.038	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 202.080%#			
62) 4-Bromofluorobenzene	11.085	95	375037	102.763	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 205.520%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	216447	94.304	ug/l	98
3) Chloromethane	1.294	50	226457	95.428	ug/l	99
4) Vinyl Chloride	1.380	62	232134	100.292	ug/l	100
5) Bromomethane	1.599	94	120613	89.316	ug/l	96
6) Chloroethane	1.666	64	147478	95.684	ug/l	99
7) Trichlorofluoromethane	1.874	101	384875	97.208	ug/l	97
8) Diethyl Ether	2.142	74	137684	99.873	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.325	101	226096	96.690	ug/l	96
10) Methyl Iodide	2.453	142	343773	112.120	ug/l	92
11) Tert butyl alcohol	2.995	59	339819	441.052	ug/l	98
12) 1,1-Dichloroethene	2.313	96	217899	98.458	ug/l	92
13) Acrolein	2.245	56	108287	411.273	ug/l	97
14) Allyl chloride	2.666	41	404340	101.672	ug/l	91
15) Acrylonitrile	3.075	53	687268	492.148	ug/l	97
16) Acetone	2.392	43	656829	445.581	ug/l #	88
17) Carbon Disulfide	2.508	76	565868	106.581	ug/l	99
18) Methyl Acetate	2.715	43	443400	114.045	ug/l	92
19) Methyl tert-butyl Ether	3.129	73	825659	100.401	ug/l	100
20) Methylene Chloride	2.794	84	248551	87.067	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	240548	101.801	ug/l	96
22) Diisopropyl ether	3.776	45	806071	101.757	ug/l	94
23) Vinyl Acetate	3.733	43	3312659	524.900	ug/l	95
24) 1,1-Dichloroethane	3.617	63	455232	100.666	ug/l	98
25) 2-Butanone	4.574	43	1048792	490.423	ug/l	95
26) 2,2-Dichloropropane	4.483	77	408414	100.344	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	283391	99.740	ug/l	96
28) Bromochloromethane	4.910	49	181589	93.561	ug/l	98
29) Tetrahydrofuran	5.019	42	675079	501.189	ug/l	92
30) Chloroform	5.105	83	488665	99.494	ug/l	100
31) Cyclohexane	5.477	56	396981	102.752	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	454280	102.277	ug/l	100
36) 1,1-Dichloropropene	5.702	75	355985	99.946	ug/l	99
37) Ethyl Acetate	4.733	43	404522	100.487	ug/l	95
38) Carbon Tetrachloride	5.684	117	400080	102.938	ug/l	100
39) Methylcyclohexane	7.385	83	429422	102.124	ug/l	98
40) Benzene	6.050	78	1007416	100.403	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	221787	103.099	ug/l	92
42) 1,2-Dichloroethane	6.098	62	413065	99.802	ug/l	95
43) Isopropyl Acetate	6.354	43	662364	101.166	ug/l	94
44) Trichloroethene	7.129	130	284998	100.772	ug/l	100
45) 1,2-Dichloropropane	7.440	63	264750	101.371	ug/l	96
46) Dibromomethane	7.586	93	194820	101.509	ug/l	99
47) Bromodichloromethane	7.830	83	382576	105.406	ug/l	99
48) Methyl methacrylate	7.702	41	334084	107.098	ug/l	89
49) 1,4-Dioxane	7.671	88	136375	1942.781	ug/l	97
51) 4-Methyl-2-Pentanone	8.586	43	2104507	509.120	ug/l	93
52) Toluene	8.726	92	679229	104.343	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	450655	109.281	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	459808	107.656	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	285677	102.829	ug/l	98
56) Ethyl methacrylate	9.122	69	468149	108.755	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	466542	102.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	1079076	529.367	ug/l	99
59) 2-Hexanone	9.439	43	1579306	488.921	ug/l	91
60) Dibromochloromethane	9.531	129	317519	111.366	ug/l	100
61) 1,2-Dibromoethane	9.616	107	309611	105.911	ug/l	100
64) Tetrachloroethene	9.281	164	275148	96.235	ug/l	96
65) Chlorobenzene	10.086	112	758809	100.877	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	294248	100.677	ug/l	100
67) Ethyl Benzene	10.201	91	1351204	101.281	ug/l	97
68) m/p-Xylenes	10.305	106	1060874	207.296	ug/l	100
69) o-Xylene	10.646	106	524509	102.455	ug/l	99
70) Styrene	10.659	104	875019	106.552	ug/l	98
71) Bromoform	10.805	173	232614	105.830	ug/l #	99
73) Isopropylbenzene	10.963	105	1367704	103.529	ug/l	99
74) N-amyl acetate	10.848	43	572451	101.141	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	402729	94.465	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	374716m	92.386	ug/l	
77) Bromobenzene	11.201	156	336210	98.861	ug/l	95
78) n-propylbenzene	11.311	91	1574187	105.096	ug/l	98
79) 2-Chlorotoluene	11.372	91	938238	100.184	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	1149946	102.804	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	148843	107.790	ug/l	99
82) 4-Chlorotoluene	11.457	91	1075168	100.692	ug/l	100
83) tert-Butylbenzene	11.719	119	1123655	102.965	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	1137314	101.916	ug/l	99
85) sec-Butylbenzene	11.896	105	1424550	104.277	ug/l	99
86) p-Isopropyltoluene	12.012	119	1197909	104.196	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	610349	100.468	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	603325	99.525	ug/l	99
89) n-Butylbenzene	12.335	91	1043003	105.856	ug/l	98
90) Hexachloroethane	12.542	117	198921	108.426	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	578309	97.214	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	104624	107.257	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	387652	109.749	ug/l	99
94) Hexachlorobutadiene	13.725	225	171113	101.019	ug/l	99
95) Naphthalene	13.780	128	1297059	113.584	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	386337	109.863	ug/l	99

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

