

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100621\
 Data File : VX024620.D
 Acq On : 06 Oct 2021 15:34
 Operator : JC/MD
 Sample : VX1006WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1006WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/7/2021 5:33:43 PM

Quant Time: Oct 07 07:47:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 18:24:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	209763	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	310593	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	297404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	136493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130014	43.978	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.960%		
35) Dibromofluoromethane	5.391	113	108966	52.810	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.620%		
50) Toluene-d8	8.653	98	382707	50.395	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.780%		
62) 4-Bromofluorobenzene	11.085	95	135636	45.425	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.860%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	38382	18.184	ug/l	97
3) Chloromethane	1.294	50	36357	18.274	ug/l	100
4) Vinyl Chloride	1.374	62	37720	18.124	ug/l	96
5) Bromomethane	1.599	94	23648	16.883	ug/l	93
6) Chloroethane	1.685	64	22113	16.129	ug/l	94
7) Trichlorofluoromethane	1.886	101	59721	16.261	ug/l	99
8) Diethyl Ether	2.136	74	21479	17.182	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	40475	19.544	ug/l	95
10) Methyl Iodide	2.453	142	45175	15.590	ug/l	96
11) Tert butyl alcohol	2.977	59	60328	79.296	ug/l	99
12) 1,1-Dichloroethene	2.319	96	37417	19.459	ug/l	99
13) Acrolein	2.239	56	28136	178.945	ug/l	98
14) Allyl chloride	2.666	41	70154	19.956	ug/l	96
15) Acrylonitrile	3.068	53	134400	100.069	ug/l	98
16) Acetone	2.386	43	141095	107.328	ug/l	94
17) Carbon Disulfide	2.514	76	77683	15.829	ug/l	98
18) Methyl Acetate	2.709	43	86378	19.512	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	147450	20.347	ug/l	98
20) Methylene Chloride	2.794	84	46857	20.508	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	40738	18.657	ug/l	92
22) Diisopropyl ether	3.770	45	143715	20.009	ug/l	99
23) Vinyl Acetate	3.733	43	574841	98.835	ug/l	96
24) 1,1-Dichloroethane	3.617	63	80128	20.093	ug/l	98
25) 2-Butanone	4.568	43	202649	99.534	ug/l	98
26) 2,2-Dichloropropane	4.483	77	70207	19.571	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	51369	20.129	ug/l	99
28) Bromochloromethane	4.910	49	26979	14.903	ug/l	98
29) Tetrahydrofuran	5.019	42	125966	97.098	ug/l	92
30) Chloroform	5.105	83	87304	19.822	ug/l	99
31) Cyclohexane	5.477	56	66706	18.843	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	74207	18.978	ug/l	98
36) 1,1-Dichloropropene	5.702	75	57972	19.470	ug/l	100
37) Ethyl Acetate	4.727	43	71467	19.225	ug/l	97
38) Carbon Tetrachloride	5.684	117	62984	19.433	ug/l	94
39) Methylcyclohexane	7.385	83	65106	18.674	ug/l	99
40) Benzene	6.050	78	152646	17.928	ug/l	97

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41) Methacrylonitrile	4.934	41	39326	20.485	ug/l	95
42) 1,2-Dichloroethane	6.098	62	65073	18.199	ug/l	94
43) Isopropyl Acetate	6.348	43	103498	18.313	ug/l	93
44) Trichloroethene	7.135	130	44850	19.146	ug/l	96
45) 1,2-Dichloropropane	7.440	63	45423	20.679	ug/l	99
46) Dibromomethane	7.586	93	30613	18.586	ug/l	100
47) Bromodichloromethane	7.830	83	56620	18.756	ug/l	99
48) Methyl methacrylate	7.696	41	54165	19.355	ug/l	91
49) 1,4-Dioxane	7.665	88	23495	366.549	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	373714	100.163	ug/l	92
52) Toluene	8.720	92	99863	18.157	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	64839	18.950	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	66128	19.008	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	46169	20.302	ug/l	95
56) Ethyl methacrylate	9.122	69	70129	19.375	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	76361	19.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	157843	88.345	ug/l	98
59) 2-Hexanone	9.433	43	286409	97.475	ug/l	90
60) Dibromochloromethane	9.525	129	41983	17.071	ug/l	99
61) 1,2-Dibromoethane	9.610	107	48951	19.607	ug/l	98
64) Tetrachloroethene	9.281	164	38741	18.821	ug/l	98
65) Chlorobenzene	10.079	112	122687	19.802	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	41183	17.835	ug/l	99
67) Ethyl Benzene	10.195	91	192577	17.559	ug/l	99
68) m/p-Xylenes	10.305	106	150793	35.855	ug/l	98
69) o-Xylene	10.646	106	74033	17.802	ug/l	97
70) Styrene	10.659	104	122597	17.630	ug/l	97
71) Bromoform	10.805	173	28823	15.978	ug/l #	98
73) Isopropylbenzene	10.963	105	195923	20.304	ug/l	100
74) N-amyl acetate	10.848	43	86624	19.517	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	68434	20.054	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	62806m	20.262	ug/l	
77) Bromobenzene	11.201	156	48745	19.632	ug/l	97
78) n-propylbenzene	11.305	91	225540	19.995	ug/l	99
79) 2-Chlorotoluene	11.366	91	139785	20.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	170209	20.648	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	19641	18.724	ug/l #	83
82) 4-Chlorotoluene	11.457	91	162462	20.095	ug/l	99
83) tert-Butylbenzene	11.719	119	164381	19.891	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	173588	21.179	ug/l	97
85) sec-Butylbenzene	11.896	105	208029	20.461	ug/l	100
86) p-Isopropyltoluene	12.012	119	172921	19.945	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	91558	19.362	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	91903	18.815	ug/l	97
89) n-Butylbenzene	12.335	91	150428	19.595	ug/l	97
90) Hexachloroethane	12.542	117	25918	18.180	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	91895	19.658	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15501	18.813	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	55241	18.560	ug/l	98
94) Hexachlorobutadiene	13.725	225	24552	18.033	ug/l	96
95) Naphthalene	13.780	128	194079	20.373	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	58245	19.098	ug/l	98

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

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