

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024203.D
 Acq On : 14 Sep 2021 12:37
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091421

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:38:09 PM

Quant Time: Sep 21 10:54:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	213622	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	330158	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	313080	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	142978	46.937	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.880%		
35) Dibromofluoromethane	5.397	113	108212	48.872	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.740%		
50) Toluene-d8	8.653	98	406537	50.400	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.800%		
62) 4-Bromofluorobenzene	11.085	95	166639	53.085	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	99041	48.231	ug/l	100
3) Chloromethane	1.295	50	100335	46.789	ug/l	99
4) Vinyl Chloride	1.374	62	101101	47.373	ug/l	99
5) Bromomethane	1.599	94	62402	49.116	ug/l	100
6) Chloroethane	1.685	64	64167	45.520	ug/l	100
7) Trichlorofluoromethane	1.886	101	172089	48.071	ug/l	97
8) Diethyl Ether	2.142	74	59292	47.865	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	102977	48.964	ug/l	94
10) Methyl Iodide	2.453	142	131432	45.172	ug/l	93
11) Tert butyl alcohol	2.977	59	141547	217.421	ug/l	98
12) 1,1-Dichloroethene	2.319	96	96823	49.157	ug/l	93
13) Acrolein	2.240	56	43361	215.975	ug/l	95
14) Allyl chloride	2.666	41	173721	48.531	ug/l	92
15) Acrylonitrile	3.075	53	291177	233.701	ug/l	97
16) Acetone	2.386	43	307860	237.021	ug/l	90
17) Carbon Disulfide	2.514	76	245337	49.703	ug/l	98
18) Methyl Acetate	2.709	43	187957	46.157	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	356046	49.186	ug/l	98
20) Methylene Chloride	2.794	84	110130	44.154	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	104186	48.316	ug/l	99
22) Diisopropyl ether	3.770	45	345513	49.144	ug/l	97
23) Vinyl Acetate	3.733	43	1414526	247.790	ug/l	95
24) 1,1-Dichloroethane	3.617	63	194912	47.246	ug/l	98
25) 2-Butanone	4.568	43	448079	234.218	ug/l	94
26) 2,2-Dichloropropane	4.483	77	181433	50.211	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	121864	48.935	ug/l	95
28) Bromochloromethane	4.904	49	77997	46.401	ug/l	97
29) Tetrahydrofuran	5.019	42	278683	232.737	ug/l	91
30) Chloroform	5.105	83	211134	48.126	ug/l	99
31) Cyclohexane	5.471	56	179546	50.390	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	193352	49.244	ug/l	99
36) 1,1-Dichloropropene	5.702	75	155153	51.113	ug/l	99
37) Ethyl Acetate	4.727	43	167480	47.351	ug/l	95
38) Carbon Tetrachloride	5.684	117	173183	50.690	ug/l	98
39) Methylcyclohexane	7.385	83	195512	53.948	ug/l	98
40) Benzene	6.044	78	436536	50.141	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	91677	48.604	ug/l	92
42) 1,2-Dichloroethane	6.099	62	180922	49.835	ug/l	94
43) Isopropyl Acetate	6.349	43	275285	48.893	ug/l	94
44) Trichloroethene	7.135	130	124360	50.839	ug/l	97
45) 1,2-Dichloropropane	7.440	63	113548	49.415	ug/l	99
46) Dibromomethane	7.586	93	82959	49.322	ug/l	98
47) Bromodichloromethane	7.830	83	160557	51.336	ug/l	99
48) Methyl methacrylate	7.696	41	139318	49.593	ug/l	88
49) 1,4-Dioxane	7.665	88	56409	958.975	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	893602	249.068	ug/l	92
52) Toluene	8.726	92	293771	51.484	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	187317	52.813	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	193641	52.757	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	119524	49.185	ug/l	99
56) Ethyl methacrylate	9.122	69	193136	47.676	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	198177	50.075	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	460675	261.952	ug/l	98
59) 2-Hexanone	9.433	43	714003	255.402	ug/l	89
60) Dibromochloromethane	9.525	129	129544	47.109	ug/l	100
61) 1,2-Dibromoethane	9.616	107	130981	50.584	ug/l	98
64) Tetrachloroethene	9.275	164	121135	49.945	ug/l	93
65) Chlorobenzene	10.086	112	327758	50.886	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	124246	52.048	ug/l	99
67) Ethyl Benzene	10.195	91	589306	52.301	ug/l	100
68) m/p-Xylenes	10.305	106	458811	106.360	ug/l	98
69) o-Xylene	10.647	106	225530	52.375	ug/l	100
70) Styrene	10.659	104	378630	54.203	ug/l	97
71) Bromoform	10.805	173	97193	48.822	ug/l #	99
73) Isopropylbenzene	10.964	105	601185	48.943	ug/l	99
74) N-amyl acetate	10.848	43	263024	50.867	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	190153	47.851	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	179068m	47.212	ug/l	
77) Bromobenzene	11.201	156	148989	48.262	ug/l	97
78) n-propylbenzene	11.305	91	702936	50.657	ug/l	99
79) 2-Chlorotoluene	11.366	91	427720	49.624	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	518106	50.040	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.025	75	64908	50.331	ug/l	94
82) 4-Chlorotoluene	11.457	91	496323	50.610	ug/l	100
83) tert-Butylbenzene	11.720	119	509834	51.017	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	516176	50.680	ug/l	99
85) sec-Butylbenzene	11.896	105	650431	51.948	ug/l	99
86) p-Isopropyltoluene	12.012	119	552693	52.587	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	281357	50.882	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	280921	49.771	ug/l	98
89) n-Butylbenzene	12.335	91	481077	52.902	ug/l	98
90) Hexachloroethane	12.543	117	88985	52.551	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	271254	50.002	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42809	46.956	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	166013	51.930	ug/l	98
94) Hexachlorobutadiene	13.725	225	80482	50.415	ug/l	99
95) Naphthalene	13.780	128	541774	46.063	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166788	51.761	ug/l	99

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

