

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024184.D
 Acq On : 13 Sep 2021 12:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX091321

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:29 AM

Quant Time: Sep 14 05:22:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:27:19 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	221572	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	342137	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	322018	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	164358	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	145829	46.587	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.180%		
35) Dibromofluoromethane	5.391	113	110265	47.102	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.200%		
50) Toluene-d8	8.653	98	408491	48.044	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.080%		
62) 4-Bromofluorobenzene	11.085	95	165593	50.508	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	101377	48.162	ug/l	100
3) Chloromethane	1.294	50	96129	48.036	ug/l	99
4) Vinyl Chloride	1.374	62	96683	45.767	ug/l	99
5) Bromomethane	1.599	94	59386	48.642	ug/l	96
6) Chloroethane	1.679	64	61656	43.978	ug/l	97
7) Trichlorofluoromethane	1.886	101	170737	47.254	ug/l	97
8) Diethyl Ether	2.142	74	56886	45.274	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	103263	48.301	ug/l	96
10) Methyl Iodide	2.453	142	125854	45.732	ug/l	92
11) Tert butyl alcohol	2.977	59	155132	232.613	ug/l	99
12) 1,1-Dichloroethene	2.319	96	93797	46.410	ug/l	96
13) Acrolein	2.239	56	54063	211.338	ug/l	97
14) Allyl chloride	2.666	41	171422	47.268	ug/l	91
15) Acrylonitrile	3.069	53	296507	231.007	ug/l	98
16) Acetone	2.386	43	327428	268.071	ug/l	90
17) Carbon Disulfide	2.514	76	219434	46.005	ug/l	99
18) Methyl Acetate	2.709	43	164009	47.103	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	359684	47.778	ug/l	99
20) Methylene Chloride	2.794	84	108873	46.993	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	101619	47.226	ug/l	97
22) Diisopropyl ether	3.770	45	345459	47.856	ug/l	99
23) Vinyl Acetate	3.733	43	1378045	240.426	ug/l	96
24) 1,1-Dichloroethane	3.617	63	195120	47.303	ug/l	98
25) 2-Butanone	4.568	43	458582	233.793	ug/l	94
26) 2,2-Dichloropropane	4.483	77	185670	49.810	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	121725	47.106	ug/l	95
28) Bromochloromethane	4.904	49	84083	46.468	ug/l	99
29) Tetrahydrofuran	5.013	42	278839	225.810	ug/l	91
30) Chloroform	5.105	83	213554	47.672	ug/l	97
31) Cyclohexane	5.477	56	172377	49.399	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	195098	48.131	ug/l	99
36) 1,1-Dichloropropene	5.696	75	152010	48.145	ug/l	99
37) Ethyl Acetate	4.727	43	165761	46.082	ug/l	95
38) Carbon Tetrachloride	5.684	117	172438	49.897	ug/l	99
39) Methylcyclohexane	7.385	83	189002	50.891	ug/l	96
40) Benzene	6.044	78	430895	48.431	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	92531	48.373	ug/l	93
42) 1,2-Dichloroethane	6.092	62	179391	48.731	ug/l	95
43) Isopropyl Acetate	6.348	43	277696	47.624	ug/l	94
44) Trichloroethene	7.129	130	121189	48.231	ug/l	99
45) 1,2-Dichloropropane	7.434	63	113668	48.896	ug/l	98
46) Dibromomethane	7.586	93	82881	48.483	ug/l	98
47) Bromodichloromethane	7.824	83	161734	50.080	ug/l	99
48) Methyl methacrylate	7.696	41	137241	49.520	ug/l	88
49) 1,4-Dioxane	7.665	88	59220	937.286	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	890413	241.864	ug/l	92
52) Toluene	8.720	92	285440	49.495	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	186618	50.861	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	192062	50.654	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	120358	48.622	ug/l	98
56) Ethyl methacrylate	9.122	69	192694	50.338	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	197001	48.737	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	460751	246.874	ug/l	98
59) 2-Hexanone	9.433	43	719806	249.773	ug/l	89
60) Dibromochloromethane	9.525	129	129213	51.145	ug/l	100
61) 1,2-Dibromoethane	9.616	107	127667	49.038	ug/l	100
64) Tetrachloroethene	9.275	164	118037	47.892	ug/l	94
65) Chlorobenzene	10.086	112	317875	49.067	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	122746	48.604	ug/l	99
67) Ethyl Benzene	10.195	91	575522	50.085	ug/l	99
68) m/p-Xylenes	10.305	106	442624	100.686	ug/l	99
69) o-Xylene	10.646	106	221044	50.159	ug/l	100
70) Styrene	10.659	104	365991	51.837	ug/l	97
71) Bromoform	10.805	173	97073	51.160	ug/l #	100
73) Isopropylbenzene	10.963	105	588079	49.092	ug/l	99
74) N-amyl acetate	10.848	43	253795	49.324	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	186575	47.772	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	173423m	46.805	ug/l	
77) Bromobenzene	11.201	156	144359	46.691	ug/l	98
78) n-propylbenzene	11.305	91	684968	50.565	ug/l	99
79) 2-Chlorotoluene	11.366	91	411464	48.500	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	502281	49.572	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	63614	50.686	ug/l	93
82) 4-Chlorotoluene	11.457	91	479341	49.531	ug/l	99
83) tert-Butylbenzene	11.719	119	498281	50.194	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	504590	49.802	ug/l	99
85) sec-Butylbenzene	11.896	105	632038	51.146	ug/l	99
86) p-Isopropyltoluene	12.012	119	532804	51.237	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	272479	49.231	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	271698	49.231	ug/l	99
89) n-Butylbenzene	12.335	91	469292	52.811	ug/l	98
90) Hexachloroethane	12.542	117	87040	52.254	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	261795	48.226	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	42530	47.652	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	167959	52.458	ug/l	99
94) Hexachlorobutadiene	13.725	225	80117	52.089	ug/l	99
95) Naphthalene	13.780	128	540147	51.932	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	166461	52.267	ug/l	99

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

