

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024323.D
 Acq On : 17 Sep 2021 20:40
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:44 PM

Quant Time: Sep 22 08:06:46 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	174407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	267712	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	245917	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	117615	47.292	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 94.580%			
35) Dibromofluoromethane	5.397	113	90966	50.666	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.340%			
50) Toluene-d8	8.653	98	275096	42.060	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 84.120%#			
62) 4-Bromofluorobenzene	11.085	95	134873	52.988	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	78159	46.620	ug/l	99
3) Chloromethane	1.294	50	85479	48.824	ug/l	100
4) Vinyl Chloride	1.380	62	86530	49.662	ug/l	100
5) Bromomethane	1.599	94	49209	47.441	ug/l	97
6) Chloroethane	1.678	64	49186	42.738	ug/l	100
7) Trichlorofluoromethane	1.886	101	129640	44.355	ug/l	95
8) Diethyl Ether	2.142	74	44236	43.740	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	70078	40.814	ug/l	95
10) Methyl Iodide	2.453	142	114703	48.286	ug/l	92
11) Tert butyl alcohol	2.983	59	127733	242.746	ug/l	98
12) 1,1-Dichloroethene	2.319	96	66101	41.105	ug/l	93
13) Acrolein	2.245	56	34542	210.733	ug/l	97
14) Allyl chloride	2.666	41	147808	50.576	ug/l	93
15) Acrylonitrile	3.075	53	271953	267.350	ug/l	98
16) Acetone	2.392	43	202963	191.396	ug/l	91
17) Carbon Disulfide	2.514	76	188509	46.777	ug/l	98
18) Methyl Acetate	2.715	43	178300	53.630	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	307322	52.001	ug/l	99
20) Methylene Chloride	2.794	84	97360	47.811	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	88142	50.066	ug/l	96
22) Diisopropyl ether	3.769	45	307196	53.518	ug/l	91
23) Vinyl Acetate	3.733	43	1255773	269.442	ug/l	96
24) 1,1-Dichloroethane	3.617	63	171369	50.879	ug/l	97
25) 2-Butanone	4.574	43	398269	254.991	ug/l	94
26) 2,2-Dichloropropane	4.483	77	126739	42.961	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	105700	51.988	ug/l	97
28) Bromochloromethane	4.910	49	65600	47.800	ug/l	95
29) Tetrahydrofuran	5.019	42	263133	269.161	ug/l	89
30) Chloroform	5.105	83	183607	51.261	ug/l	98
31) Cyclohexane	5.477	56	146319	50.298	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	165529	51.637	ug/l	99
36) 1,1-Dichloropropene	5.702	75	130950	53.203	ug/l	99
37) Ethyl Acetate	4.727	43	150181	52.364	ug/l	95
38) Carbon Tetrachloride	5.684	117	142598	51.474	ug/l	99
39) Methylcyclohexane	7.385	83	123842	42.143	ug/l	99
40) Benzene	6.050	78	378250	53.581	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	85052	55.609	ug/l	93
42) 1,2-Dichloroethane	6.098	62	152044	51.650	ug/l	95
43) Isopropyl Acetate	6.354	43	241137	52.818	ug/l	94
44) Trichloroethene	7.135	130	94641	47.715	ug/l	99
45) 1,2-Dichloropropane	7.440	63	81609	43.800	ug/l	96
46) Dibromomethane	7.586	93	60548	44.395	ug/l	98
47) Bromodichloromethane	7.830	83	113530	44.767	ug/l	100
48) Methyl methacrylate	7.702	41	102258	44.891	ug/l	85
49) 1,4-Dioxane	7.665	88	43759	917.445	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	682275	234.524	ug/l	90
52) Toluene	8.726	92	204087	44.109	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	126942	44.139	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	129475	43.504	ug/l #	88
55) 1,1,2-Trichloroethane	9.159	97	85811	43.548	ug/l	97
56) Ethyl methacrylate	9.122	69	135442	41.417	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	140283	43.714	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	332988	233.512	ug/l	98
59) 2-Hexanone	9.433	43	554042	244.411	ug/l	87
60) Dibromochloromethane	9.525	129	90886	40.993	ug/l	100
61) 1,2-Dibromoethane	9.616	107	94437	44.978	ug/l	97
64) Tetrachloroethene	9.281	164	87858	46.118	ug/l	98
65) Chlorobenzene	10.085	112	248837	49.184	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	97257	51.869	ug/l	99
67) Ethyl Benzene	10.201	91	462374	52.244	ug/l	97
68) m/p-Xylenes	10.305	106	357307	105.452	ug/l	99
69) o-Xylene	10.646	106	166919	49.351	ug/l	99
70) Styrene	10.659	104	290819	53.003	ug/l	99
71) Bromoform	10.805	173	76386	48.849	ug/l	99
73) Isopropylbenzene	10.963	105	476341	46.591	ug/l	100
74) N-amyl acetate	10.848	43	200296	46.538	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	164847	49.839	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	154447m	48.923	ug/l	
77) Bromobenzene	11.201	156	127154	49.485	ug/l	96
78) n-propylbenzene	11.305	91	576243	49.892	ug/l	99
79) 2-Chlorotoluene	11.366	91	357844	49.879	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	434159	50.378	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	50002	46.582	ug/l	93
82) 4-Chlorotoluene	11.457	91	406097	49.750	ug/l	99
83) tert-Butylbenzene	11.719	119	425612	51.168	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	427767	50.459	ug/l	99
85) sec-Butylbenzene	11.896	105	531694	51.019	ug/l	99
86) p-Isopropyltoluene	12.012	119	443648	50.714	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	229444	49.851	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	228419	48.621	ug/l	98
89) n-Butylbenzene	12.335	91	374895	49.529	ug/l	98
90) Hexachloroethane	12.542	117	71223	50.534	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	223999	49.608	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35739	47.097	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	133459	50.156	ug/l	98
94) Hexachlorobutadiene	13.725	225	57642	43.381	ug/l	99
95) Naphthalene	13.780	128	440929	45.068	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130767	48.756	ug/l	99

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

