

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091621\
 Data File : VX024299.D
 Acq On : 16 Sep 2021 19:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:13 PM

Quant Time: Sep 22 08:38:04 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	174902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283481	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	229948	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	122652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	124844	50.057	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.120%			
35) Dibromofluoromethane	5.397	113	86630	45.567	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.140%			
50) Toluene-d8	8.653	98	295037	42.600	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 85.200%#			
62) 4-Bromofluorobenzene	11.085	95	113787	42.217	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	79504	47.288	ug/l	98
3) Chloromethane	1.294	50	87745	49.977	ug/l	100
4) Vinyl Chloride	1.380	62	82840	47.410	ug/l	99
5) Bromomethane	1.599	94	52427	50.401	ug/l	98
6) Chloroethane	1.679	64	51261	44.415	ug/l	99
7) Trichlorofluoromethane	1.886	101	126100	43.022	ug/l	98
8) Diethyl Ether	2.142	74	47471	46.806	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	69081	40.119	ug/l	94
10) Methyl Iodide	2.453	142	110961	46.579	ug/l	93
11) Tert butyl alcohol	2.983	59	118629	223.103	ug/l	99
12) 1,1-Dichloroethene	2.319	96	71189	44.144	ug/l	92
13) Acrolein	2.245	56	33689	204.948	ug/l	98
14) Allyl chloride	2.666	41	132035	45.051	ug/l	89
15) Acrylonitrile	3.075	53	241190	236.436	ug/l	96
16) Acetone	2.392	43	217787	204.794	ug/l	90
17) Carbon Disulfide	2.514	76	162899	40.307	ug/l	100
18) Methyl Acetate	2.715	43	157690	47.297	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	282333	47.638	ug/l	99
20) Methylene Chloride	2.794	84	87236	42.718	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	78573	44.505	ug/l	93
22) Diisopropyl ether	3.776	45	300369	52.181	ug/l	95
23) Vinyl Acetate	3.733	43	1220646	261.164	ug/l	94
24) 1,1-Dichloroethane	3.617	63	161294	47.752	ug/l	97
25) 2-Butanone	4.574	43	413749	264.152	ug/l	93
26) 2,2-Dichloropropane	4.483	77	130506	44.113	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	108607	53.266	ug/l	96
28) Bromochloromethane	4.910	49	68220	49.569	ug/l	94
29) Tetrahydrofuran	5.025	42	253352	258.422	ug/l	90
30) Chloroform	5.105	83	182618	50.841	ug/l	100
31) Cyclohexane	5.477	56	137201	47.030	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	153602	47.781	ug/l	98
36) 1,1-Dichloropropene	5.702	75	129131	49.545	ug/l	99
37) Ethyl Acetate	4.733	43	157911	51.997	ug/l	95
38) Carbon Tetrachloride	5.684	117	141863	48.360	ug/l	99
39) Methylcyclohexane	7.385	83	130216	41.847	ug/l	96
40) Benzene	6.044	78	390409	52.227	ug/l	100

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41) Methacrylonitrile	4.934	41	81324	50.214	ug/l	92
42) 1,2-Dichloroethane	6.098	62	165045	52.948	ug/l	94
43) Isopropyl Acetate	6.354	43	254210	52.585	ug/l	93
44) Trichloroethene	7.135	130	101742	48.441	ug/l	97
45) 1,2-Dichloropropane	7.434	63	96202	48.760	ug/l	97
46) Dibromomethane	7.586	93	70599	48.885	ug/l	98
47) Bromodichloromethane	7.830	83	128563	47.875	ug/l	99
48) Methyl methacrylate	7.702	41	116463	48.283	ug/l	85
49) 1,4-Dioxane	7.665	88	47813	946.679	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	751161	243.839	ug/l	90
52) Toluene	8.726	92	227182	46.370	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	145450	47.761	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	141955	45.044	ug/l #	89
55) 1,1,2-Trichloroethane	9.159	97	97929	46.933	ug/l	97
56) Ethyl methacrylate	9.122	69	152642	43.993	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	160054	47.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	375609	248.749	ug/l	98
59) 2-Hexanone	9.433	43	616456	256.818	ug/l	88
60) Dibromochloromethane	9.525	129	97074	41.334	ug/l	99
61) 1,2-Dibromoethane	9.616	107	99728	44.856	ug/l	100
64) Tetrachloroethene	9.281	164	91350	51.281	ug/l	97
65) Chlorobenzene	10.086	112	240237	50.782	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	92230	52.604	ug/l	100
67) Ethyl Benzene	10.195	91	420301	50.788	ug/l	98
68) m/p-Xylenes	10.305	106	328982	103.835	ug/l	99
69) o-Xylene	10.646	106	164628	52.054	ug/l	100
70) Styrene	10.659	104	276233	53.840	ug/l	96
71) Bromoform	10.805	173	71669	49.011	ug/l #	99
73) Isopropylbenzene	10.963	105	429267	46.999	ug/l	100
74) N-amyl acetate	10.848	43	205692	53.497	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	151748	51.355	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	137740m	48.839	ug/l	
77) Bromobenzene	11.201	156	112239	48.895	ug/l	94
78) n-propylbenzene	11.311	91	492709	47.752	ug/l	99
79) 2-Chlorotoluene	11.366	91	306490	47.821	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	371294	48.227	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	45004	46.931	ug/l	89
82) 4-Chlorotoluene	11.457	91	356547	48.895	ug/l	100
83) tert-Butylbenzene	11.719	119	359464	48.375	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	371503	49.054	ug/l	99
85) sec-Butylbenzene	11.896	105	455856	48.963	ug/l	99
86) p-Isopropyltoluene	12.012	119	384088	49.147	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	209196	50.878	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	209209	49.848	ug/l	99
89) n-Butylbenzene	12.335	91	332165	49.123	ug/l	97
90) Hexachloroethane	12.542	117	60845	48.324	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	210677	52.227	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34120	50.331	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	125250	52.690	ug/l	97
94) Hexachlorobutadiene	13.725	225	55448	46.711	ug/l	99
95) Naphthalene	13.780	128	429399	49.013	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128121	53.472	ug/l	99

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

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