

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022886.D
 Acq On : 24 Jun 2021 22:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 6/25/2021 6:23:56 PM

Quant Time: Jun 25 05:41:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65273	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	129838	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50642	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	58215	49.144	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.280%			
35) Dibromofluoromethane	5.397	113	41347	50.148	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.300%			
50) Toluene-d8	8.653	98	164021	50.759	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.520%			
62) 4-Bromofluorobenzene	11.085	95	59864	49.639	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.280%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	47125	51.171	ug/l	98
3) Chloromethane	1.295	50	51099	50.530	ug/l	100
4) Vinyl Chloride	1.374	62	46701	50.046	ug/l	100
5) Bromomethane	1.599	94	26694	51.926	ug/l	90
6) Chloroethane	1.679	64	29786	51.648	ug/l	96
7) Trichlorofluoromethane	1.886	101	69338	51.150	ug/l	97
8) Diethyl Ether	2.136	74	26207	50.087	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	42373	49.924	ug/l	90
10) Methyl Iodide	2.453	142	49629	48.735	ug/l	95
11) Tert butyl alcohol	2.977	59	63057	255.415	ug/l	98
12) 1,1-Dichloroethene	2.319	96	43371	51.217	ug/l	93
13) Acrolein	2.246	56	33032	215.126	ug/l	99
14) Allyl chloride	2.666	41	80390	49.969	ug/l	92
15) Acrylonitrile	3.075	53	153809	272.534	ug/l	99
16) Acetone	2.392	43	128773	245.211	ug/l	95
17) Carbon Disulfide	2.514	76	101360	44.357	ug/l	99
18) Methyl Acetate	2.709	43	67378	52.134	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	160022	52.696	ug/l	99
20) Methylene Chloride	2.794	84	51518	49.467	ug/l #	86
21) trans-1,2-Dichloroethene	3.093	96	46254	49.237	ug/l	96
22) Diisopropyl ether	3.770	45	177639	53.083	ug/l	93
23) Vinyl Acetate	3.733	43	778279	277.239	ug/l	94
24) 1,1-Dichloroethane	3.617	63	91219	51.023	ug/l	99
25) 2-Butanone	4.568	43	219424	268.690	ug/l	91
26) 2,2-Dichloropropane	4.483	77	59890	44.144	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	54538	52.309	ug/l	96
28) Bromochloromethane	4.910	49	42494	50.452	ug/l #	78
29) Tetrahydrofuran	5.019	42	145785	277.537	ug/l	87
30) Chloroform	5.105	83	92078	51.203	ug/l	99
31) Cyclohexane	5.477	56	83391	49.863	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	76751	53.121	ug/l	96
36) 1,1-Dichloropropene	5.702	75	67491	48.939	ug/l	97
37) Ethyl Acetate	4.727	43	86530	54.166	ug/l #	93
38) Carbon Tetrachloride	5.684	117	60773	52.540	ug/l	97
39) Methylcyclohexane	7.385	83	80382	49.967	ug/l	95
40) Benzene	6.044	78	205981	51.797	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45170	51.326	ug/l	91
42) 1,2-Dichloroethane	6.092	62	76425	52.235	ug/l	97
43) Isopropyl Acetate	6.348	43	136552	53.167	ug/l #	92
44) Trichloroethene	7.129	130	48852	51.801	ug/l	99
45) 1,2-Dichloropropane	7.434	63	54371	53.009	ug/l	92
46) Dibromomethane	7.586	93	35292	51.863	ug/l #	85
47) Bromodichloromethane	7.830	83	66736	48.366	ug/l	99
48) Methyl methacrylate	7.702	41	64807	54.521	ug/l	87
49) 1,4-Dioxane	7.665	88	27510	1075.134	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	445288	278.575	ug/l	90
52) Toluene	8.726	92	126902	52.789	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	74541	45.877	ug/l	96
54) cis-1,3-Dichloropropene	8.373	75	81459	46.858	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	50657	52.522	ug/l	97
56) Ethyl methacrylate	9.122	69	87135	48.984	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	90903	51.849	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	224162	253.235	ug/l	94
59) 2-Hexanone	9.433	43	342704	282.605	ug/l	86
60) Dibromochloromethane	9.525	129	45175	47.977	ug/l	99
61) 1,2-Dibromoethane	9.616	107	51763	52.843	ug/l	98
64) Tetrachloroethene	9.275	164	43307	51.219	ug/l #	90
65) Chlorobenzene	10.086	112	124765	49.240	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	44389	54.209	ug/l	99
67) Ethyl Benzene	10.195	91	241971	51.860	ug/l	97
68) m/p-Xylenes	10.305	106	178497	103.017	ug/l	96
69) o-Xylene	10.647	106	86217	51.125	ug/l	92
70) Styrene	10.659	104	147015	52.522	ug/l	95
71) Bromoform	10.805	173	26105	44.905	ug/l #	97
73) Isopropylbenzene	10.964	105	225431	52.609	ug/l	99
74) N-amyl acetate	10.848	43	122103	50.464	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	78115	53.076	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	72349m	54.087	ug/l	
77) Bromobenzene	11.201	156	46617	52.317	ug/l	81
78) n-propylbenzene	11.305	91	277101	53.445	ug/l	97
79) 2-Chlorotoluene	11.366	91	165440	52.849	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	190181	54.051	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	22127	45.373	ug/l #	84
82) 4-Chlorotoluene	11.457	91	188503	52.105	ug/l	95
83) tert-Butylbenzene	11.719	119	174079	52.389	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	192214	54.277	ug/l	96
85) sec-Butylbenzene	11.896	105	239754	53.502	ug/l	97
86) p-Isopropyltoluene	12.012	119	188617	52.969	ug/l	96
87) 1,3-Dichlorobenzene	11.969	146	89116	51.838	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	90676	50.443	ug/l	96
89) n-Butylbenzene	12.335	91	179401	52.987	ug/l	96
90) Hexachloroethane	12.543	117	30361	46.388	ug/l	71
91) 1,2-Dichlorobenzene	12.335	146	88203	52.569	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16662	48.099	ug/l	74
93) 1,2,4-Trichlorobenzene	13.591	180	49428	53.115	ug/l	97
94) Hexachlorobutadiene	13.725	225	18103	49.646	ug/l	98
95) Naphthalene	13.780	128	209446	50.708	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51321	54.752	ug/l	97

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

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