

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX063021\
 Data File : VX023022.D
 Acq On : 30 Jun 2021 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/5/2021 1:55:37 PM

Quant Time: Jul 01 03:24:22 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	5.556	168	70581	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	137606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	52811	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60369	47.130	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.260%		
35) Dibromofluoromethane	5.391	113	41732	47.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.520%		
50) Toluene-d8	8.653	98	159761	46.650	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.300%		
62) 4-Bromofluorobenzene	11.085	95	60085	47.010	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	50067	50.277	ug/l	97
3) Chloromethane	1.295	50	52621	48.121	ug/l	99
4) Vinyl Chloride	1.374	62	49038	48.599	ug/l	97
5) Bromomethane	1.599	94	22802	41.020	ug/l	94
6) Chloroethane	1.679	64	30091	48.253	ug/l	99
7) Trichlorofluoromethane	1.880	101	74933	51.120	ug/l	96
8) Diethyl Ether	2.136	74	27812	49.157	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	48451	52.792	ug/l	89
10) Methyl Iodide	2.453	142	47594	43.661	ug/l	94
11) Tert butyl alcohol	2.977	59	66132	247.726	ug/l	100
12) 1,1-Dichloroethene	2.319	96	45302	49.475	ug/l	88
13) Acrolein	2.239	56	39396	237.277	ug/l	100
14) Allyl chloride	2.666	41	91004	52.312	ug/l	94
15) Acrylonitrile	3.069	53	161756	265.060	ug/l	99
16) Acetone	2.386	43	162743	286.592	ug/l	91
17) Carbon Disulfide	2.514	76	106808	43.315	ug/l	99
18) Methyl Acetate	2.709	43	72955	52.204	ug/l	90
19) Methyl tert-butyl Ether	3.123	73	173171	52.737	ug/l	98
20) Methylene Chloride	2.788	84	55409	49.204	ug/l	# 86
21) trans-1,2-Dichloroethene	3.093	96	49148	48.383	ug/l	94
22) Diisopropyl ether	3.764	45	191366	52.885	ug/l	# 87
23) Vinyl Acetate	3.727	43	837128	275.776	ug/l	94
24) 1,1-Dichloroethane	3.611	63	99587	51.514	ug/l	98
25) 2-Butanone	4.562	43	250116	283.241	ug/l	90
26) 2,2-Dichloropropane	4.477	77	80356	54.775	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	58244	51.662	ug/l	91
28) Bromochloromethane	4.904	49	47003	51.608	ug/l	# 75
29) Tetrahydrofuran	5.013	42	150337	264.679	ug/l	# 85
30) Chloroform	5.099	83	98756	50.786	ug/l	97
31) Cyclohexane	5.471	56	92768	51.299	ug/l	87
32) 1,1,1-Trichloroethane	5.385	97	81134	51.931	ug/l	94
36) 1,1-Dichloropropene	5.696	75	75632	51.746	ug/l	95
37) Ethyl Acetate	4.721	43	87778	51.846	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	65893	53.750	ug/l	99
39) Methylcyclohexane	7.385	83	89635	52.573	ug/l	94
40) Benzene	6.044	78	217869	51.694	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	49745	53.334	ug/l	91
42) 1,2-Dichloroethane	6.092	62	83590	53.907	ug/l	95
43) Isopropyl Acetate	6.348	43	146567	53.845	ug/l #	91
44) Trichloroethene	7.129	130	49805	49.831	ug/l	83
45) 1,2-Dichloropropane	7.434	63	57184	52.604	ug/l	97
46) Dibromomethane	7.586	93	37526	52.032	ug/l #	81
47) Bromodichloromethane	7.824	83	75201	51.239	ug/l	98
48) Methyl methacrylate	7.696	41	69479	55.152	ug/l	86
49) 1,4-Dioxane	7.659	88	26816	988.850	ug/l #	92
51) 4-Methyl-2-Pentanone	8.580	43	455410	268.824	ug/l	89
52) Toluene	8.720	92	129588	50.864	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	80863	46.872	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	91115	49.310	ug/l #	83
55) 1,1,2-Trichloroethane	9.153	97	52230	51.096	ug/l	96
56) Ethyl methacrylate	9.116	69	91293	48.453	ug/l #	78
57) 1,3-Dichloropropane	9.311	76	94147	50.668	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	245212	261.210	ug/l	93
59) 2-Hexanone	9.433	43	364443	283.566	ug/l	87
60) Dibromochloromethane	9.525	129	47152	47.306	ug/l	99
61) 1,2-Dibromoethane	9.610	107	54152	52.161	ug/l	97
64) Tetrachloroethene	9.275	164	44824	51.087	ug/l	90
65) Chlorobenzene	10.080	112	133998	50.962	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	46542	54.773	ug/l	98
67) Ethyl Benzene	10.195	91	255833	52.839	ug/l	99
68) m/p-Xylenes	10.305	106	183962	102.313	ug/l	91
69) o-Xylene	10.646	106	90175	51.529	ug/l	92
70) Styrene	10.659	104	156364	53.833	ug/l	96
71) Bromoform	10.805	173	27217	45.095	ug/l #	99
73) Isopropylbenzene	10.964	105	241379	54.017	ug/l	98
74) N-amyl acetate	10.848	43	127269	50.440	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	80324	52.336	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	77133m	55.295	ug/l	
77) Bromobenzene	11.201	156	48766	52.481	ug/l	78
78) n-propylbenzene	11.305	91	301780	55.814	ug/l	96
79) 2-Chlorotoluene	11.366	91	175595	53.789	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	203844	55.554	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	24253	47.358	ug/l #	82
82) 4-Chlorotoluene	11.457	91	205866	54.568	ug/l	94
83) tert-Butylbenzene	11.719	119	190009	54.834	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	207509	56.189	ug/l	95
85) sec-Butylbenzene	11.890	105	263649	56.418	ug/l	96
86) p-Isopropyltoluene	12.012	119	209828	56.505	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	96095	53.602	ug/l	95
88) 1,4-Dichlorobenzene	12.043	146	95946	51.183	ug/l	95
89) n-Butylbenzene	12.335	91	204991	58.059	ug/l	96
90) Hexachloroethane	12.542	117	32681	47.762	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	92202	52.695	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17448	48.283	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	53278	54.901	ug/l	97
94) Hexachlorobutadiene	13.731	225	21139	55.591	ug/l	99
95) Naphthalene	13.780	128	217853	50.582	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	55293	56.567	ug/l	97

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

