

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062421\
 Data File : VX022884.D
 Acq On : 24 Jun 2021 21:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/25/2021 6:23:54 PM

Quant Time: Jun 25 05:41:10 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	65532	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131806	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118013	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58521	49.208	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.420%		
35) Dibromofluoromethane	5.391	113	41478	49.556	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.120%		
50) Toluene-d8	8.653	98	156620	47.745	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.480%		
62) 4-Bromofluorobenzene	11.085	95	58759	47.995	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	46648	50.453	ug/l	99
3) Chloromethane	1.294	50	51214	50.443	ug/l	97
4) Vinyl Chloride	1.374	62	47547	50.752	ug/l	99
5) Bromomethane	1.599	94	24391	47.259	ug/l	96
6) Chloroethane	1.679	64	29161	50.365	ug/l	100
7) Trichlorofluoromethane	1.886	101	69325	50.938	ug/l	97
8) Diethyl Ether	2.136	74	26299	50.064	ug/l	86
9) 1,1,2-Trichlorotrifluo...	2.331	101	42469	49.839	ug/l	89
10) Methyl Iodide	2.453	142	51926	50.626	ug/l	93
11) Tert butyl alcohol	2.983	59	62929	253.889	ug/l	98
12) 1,1-Dichloroethene	2.319	96	42685	50.208	ug/l	92
13) Acrolein	2.239	56	33183	215.255	ug/l	100
14) Allyl chloride	2.666	41	82920	51.338	ug/l	93
15) Acrylonitrile	3.075	53	152818	269.707	ug/l	99
16) Acetone	2.392	43	131004	248.474	ug/l	94
17) Carbon Disulfide	2.514	76	105754	45.959	ug/l	100
18) Methyl Acetate	2.709	43	68326	52.659	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	161462	52.960	ug/l	96
20) Methylene Chloride	2.794	84	51348	49.111	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	46987	49.820	ug/l	87
22) Diisopropyl ether	3.770	45	178944	53.262	ug/l #	95
23) Vinyl Acetate	3.733	43	787124	279.282	ug/l	95
24) 1,1-Dichloroethane	3.617	63	93246	51.950	ug/l	97
25) 2-Butanone	4.568	43	218739	266.793	ug/l	90
26) 2,2-Dichloropropane	4.483	77	59041	43.346	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	54894	52.442	ug/l	96
28) Bromochloromethane	4.910	49	43082	50.948	ug/l #	78
29) Tetrahydrofuran	5.019	42	143903	272.872	ug/l	87
30) Chloroform	5.099	83	92671	51.329	ug/l	99
31) Cyclohexane	5.477	56	84007	50.033	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	78457	54.087	ug/l	95
36) 1,1-Dichloropropene	5.702	75	69642	49.744	ug/l	95
37) Ethyl Acetate	4.727	43	86138	53.116	ug/l #	93
38) Carbon Tetrachloride	5.684	117	61798	52.628	ug/l	96
39) Methylcyclohexane	7.385	83	80062	49.025	ug/l	96
40) Benzene	6.044	78	206166	51.070	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	47130	52.753	ug/l	91
42) 1,2-Dichloroethane	6.098	62	76613	51.581	ug/l	97
43) Isopropyl Acetate	6.348	43	137648	52.794	ug/l #	91
44) Trichloroethene	7.135	130	47721	49.847	ug/l	95
45) 1,2-Dichloropropane	7.440	63	54429	52.273	ug/l	97
46) Dibromomethane	7.586	93	35937	52.022	ug/l #	83
47) Bromodichloromethane	7.830	83	66941	47.825	ug/l	99
48) Methyl methacrylate	7.696	41	64269	53.261	ug/l	86
49) 1,4-Dioxane	7.665	88	27441	1056.424	ug/l	95
51) 4-Methyl-2-Pentanone	8.580	43	439259	270.700	ug/l	89
52) Toluene	8.726	92	122438	50.172	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	73761	44.812	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	81649	46.299	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	49663	50.722	ug/l	94
56) Ethyl methacrylate	9.122	69	85813	47.597	ug/l #	80
57) 1,3-Dichloropropane	9.311	76	90153	50.653	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	224048	249.408	ug/l	93
59) 2-Hexanone	9.433	43	332874	270.400	ug/l	87
60) Dibromochloromethane	9.525	129	43295	45.498	ug/l	99
61) 1,2-Dibromoethane	9.616	107	50524	50.808	ug/l	100
64) Tetrachloroethene	9.275	164	40412	48.728	ug/l #	85
65) Chlorobenzene	10.086	112	123953	49.874	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43813	54.550	ug/l	97
67) Ethyl Benzene	10.195	91	238030	52.012	ug/l	99
68) m/p-Xylenes	10.305	106	172593	101.554	ug/l	94
69) o-Xylene	10.646	106	86081	52.041	ug/l	94
70) Styrene	10.659	104	145644	53.049	ug/l	96
71) Bromoform	10.805	173	26069	45.635	ug/l #	100
73) Isopropylbenzene	10.963	105	221964	51.540	ug/l	98
74) N-amyl acetate	10.848	43	120684	49.662	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	78354	52.972	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	71640m	53.288	ug/l	
77) Bromobenzene	11.201	156	45960	51.321	ug/l	82
78) n-propylbenzene	11.305	91	273606	52.507	ug/l	95
79) 2-Chlorotoluene	11.366	91	162138	51.535	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	190861	53.972	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	21660	44.363	ug/l #	85
82) 4-Chlorotoluene	11.457	91	188052	51.720	ug/l	94
83) tert-Butylbenzene	11.719	119	174030	52.112	ug/l	88
84) 1,2,4-Trimethylbenzene	11.756	105	189851	53.341	ug/l	97
85) sec-Butylbenzene	11.896	105	236940	52.609	ug/l	97
86) p-Isopropyltoluene	12.012	119	186982	52.246	ug/l	96
87) 1,3-Dichlorobenzene	11.975	146	88560	51.256	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	88430	48.947	ug/l	95
89) n-Butylbenzene	12.335	91	175834	51.674	ug/l	97
90) Hexachloroethane	12.542	117	30820	46.816	ug/l	73
91) 1,2-Dichlorobenzene	12.335	146	86561	51.331	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16028	46.207	ug/l	76
93) 1,2,4-Trichlorobenzene	13.591	180	48955	52.343	ug/l	97
94) Hexachlorobutadiene	13.725	225	17759	48.459	ug/l	98
95) Naphthalene	13.780	128	206028	49.672	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	50066	53.146	ug/l	97

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

