

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023105.D
 Acq On : 02 Jul 2021 12:39
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:53:09 PM

Quant Time: Jul 02 14:14:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:06:48 2021
 Response via : Initial Calibration

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

Internal Standards							
1) Pentafluorobenzene		5.562	168	279604	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		6.769	114	442365	50.000	ug/l	0.00
63) Chlorobenzene-d5		10.061	117	420221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		12.024	152	213744	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		5.964	65	182122	50.000	ug/l	0.00
Spiked Amount 50.000		Range	78 - 117	Recovery	= 100.000%		
35) Dibromofluoromethane		5.397	113	136149	50.000	ug/l	0.00
Spiked Amount 50.000		Range	75 - 124	Recovery	= 100.000%		
50) Toluene-d8		8.653	98	517716	50.000	ug/l	0.00
Spiked Amount 50.000		Range	92 - 112	Recovery	= 100.000%		
62) 4-Bromofluorobenzene		11.085	95	202342	50.000	ug/l	0.00
Spiked Amount 50.000		Range	83 - 123	Recovery	= 100.000%		
Target Compounds							Qvalue
2) Dichlorodifluoromethane		1.172	85	136352	50.000	ug/l	99
3) Chloromethane		1.294	50	125666	50.000	ug/l	97
4) Vinyl Chloride		1.374	62	137878	50.000	ug/l	98
5) Bromomethane		1.599	94	70024	50.000	ug/l	99
6) Chloroethane		1.679	64	90203	50.000	ug/l	99
7) Trichlorofluoromethane		1.886	101	241428	50.000	ug/l	99
8) Diethyl Ether		2.142	74	86301	50.000	ug/l	93
9) 1,1,2-Trichlorotrifluo...		2.331	101	137657	50.000	ug/l	97
10) Methyl Iodide		2.453	142	168954	50.000	ug/l	93
11) Tert butyl alcohol		2.983	59	188005	250.000	ug/l	98
12) 1,1-Dichloroethene		2.319	96	128758	50.000	ug/l	95
13) Acrolein		2.245	56	130628	250.000	ug/l	100
14) Allyl chloride		2.666	41	223769	50.000	ug/l	91
15) Acrylonitrile		3.075	53	395886	250.000	ug/l	97
16) Acetone		2.392	43	358319	250.000	ug/l	92
17) Carbon Disulfide		2.514	76	261194	50.000	ug/l	100
18) Methyl Acetate		2.715	43	183691	50.000	ug/l	92
19) Methyl tert-butyl Ether		3.123	73	479685	50.000	ug/l	99
20) Methylene Chloride		2.794	84	149014	50.000	ug/l	93
21) trans-1,2-Dichloroethene		3.093	96	136069	50.000	ug/l	93
22) Diisopropyl ether		3.776	45	471026	50.000	ug/l	93
23) Vinyl Acetate		3.733	43	2051578	250.000	ug/l	96
24) 1,1-Dichloroethane		3.617	63	263303	50.000	ug/l	98
25) 2-Butanone		4.568	43	575129	250.000	ug/l	94
26) 2,2-Dichloropropane		4.483	77	224116	50.000	ug/l	98
27) cis-1,2-Dichloroethene		4.495	96	165600	50.000	ug/l	97
28) Bromochloromethane		4.904	49	121278	50.000	ug/l	93
29) Tetrahydrofuran		5.019	42	370616	250.000	ug/l	92
30) Chloroform		5.105	83	284961	50.000	ug/l	99
31) Cyclohexane		5.477	56	223156	50.000	ug/l	96
32) 1,1,1-Trichloroethane		5.391	97	250808	50.000	ug/l	98
36) 1,1-Dichloropropene		5.702	75	198617	50.000	ug/l	100
37) Ethyl Acetate		4.727	43	221039	50.000	ug/l	95
38) Carbon Tetrachloride		5.684	117	215474	50.000	ug/l	100
39) Methylcyclohexane		7.385	83	231353	50.000	ug/l	95
40) Benzene		6.050	78	584658	50.000	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	122117	50.000	ug/l	93
42) 1,2-Dichloroethane	6.098	62	240279	50.000	ug/l	95
43) Isopropyl Acetate	6.354	43	367333	50.000	ug/l	94
44) Trichloroethene	7.135	130	165274	50.000	ug/l	99
45) 1,2-Dichloropropane	7.440	63	152278	50.000	ug/l	97
46) Dibromomethane	7.586	93	109941	50.000	ug/l	96
47) Bromodichloromethane	7.830	83	206937	50.000	ug/l	97
48) Methyl methacrylate	7.702	41	181144	50.000	ug/l	86
49) 1,4-Dioxane	7.665	88	82023	1000.000	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1163570	250.000	ug/l	92
52) Toluene	8.726	92	382055	50.000	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	231960	50.000	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	246773	50.000	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	161016	50.000	ug/l	98
56) Ethyl methacrylate	9.122	69	250615	50.000	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	263578	50.000	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.250	63	657978	250.000	ug/l	99
59) 2-Hexanone	9.433	43	900363	250.000	ug/l	89
60) Dibromochloromethane	9.525	129	161433	50.000	ug/l	100
61) 1,2-Dibromoethane	9.616	107	170921	50.000	ug/l	99
64) Tetrachloroethene	9.281	164	168329	50.000	ug/l	94
65) Chlorobenzene	10.086	112	420709	50.000	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	159340	50.000	ug/l	99
67) Ethyl Benzene	10.195	91	756077	50.000	ug/l	100
68) m/p-Xylenes	10.305	106	581278	100.000	ug/l	97
69) o-Xylene	10.646	106	290978	50.000	ug/l	100
70) Styrene	10.659	104	489716	50.000	ug/l	97
71) Bromoform	10.805	173	114623	50.000	ug/l #	99
73) Isopropylbenzene	10.963	105	773561	50.000	ug/l	100
74) N-amyl acetate	10.848	43	329836	50.000	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	236997	50.000	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	223234m	50.000	ug/l	
77) Bromobenzene	11.201	156	189842	50.000	ug/l	96
78) n-propylbenzene	11.311	91	900659	50.000	ug/l	99
79) 2-Chlorotoluene	11.366	91	546213	50.000	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	672713	50.000	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	73427	50.000	ug/l	92
82) 4-Chlorotoluene	11.457	91	633305	50.000	ug/l	99
83) tert-Butylbenzene	11.719	119	639391	50.000	ug/l	93
84) 1,2,4-Trimethylbenzene	11.756	105	672929	50.000	ug/l	98
85) sec-Butylbenzene	11.896	105	828712	50.000	ug/l	100
86) p-Isopropyltoluene	12.012	119	698269	50.000	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	361598	50.000	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	360263	50.000	ug/l	99
89) n-Butylbenzene	12.335	91	616142	50.000	ug/l	97
90) Hexachloroethane	12.542	117	105003	50.000	ug/l	93
91) 1,2-Dichlorobenzene	12.341	146	358475	50.000	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	55348	50.000	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	222330	50.000	ug/l	99
94) Hexachlorobutadiene	13.725	225	92635	50.000	ug/l	99
95) Naphthalene	13.780	128	781694	50.000	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	228165	50.000	ug/l	99

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

