

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071521\
 Data File : VX023293.D
 Acq On : 15 Jul 2021 09:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/16/2021 10:41:36 AM

Quant Time: Jul 16 03:49:26 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	247945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392300	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	369920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190371	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173973	52.207	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.420%			
35) Dibromofluoromethane	5.391	113	131394	51.867	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.740%			
50) Toluene-d8	8.653	98	463748	49.075	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.140%			
62) 4-Bromofluorobenzene	11.085	95	191159	52.399	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.800%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	107001	47.628	ug/l	98
3) Chloromethane	1.294	50	96290	43.320	ug/l	100
4) Vinyl Chloride	1.374	62	102717	43.623	ug/l	100
5) Bromomethane	1.599	94	49663	40.135	ug/l	99
6) Chloroethane	1.678	64	65686	42.662	ug/l	100
7) Trichlorofluoromethane	1.880	101	180167	44.028	ug/l	98
8) Diethyl Ether	2.136	74	76206	50.456	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	118353	49.423	ug/l	96
10) Methyl Iodide	2.453	142	153137	52.078	ug/l	93
11) Tert butyl alcohol	2.977	59	174543	248.975	ug/l	99
12) 1,1-Dichloroethene	2.319	96	103290	46.733	ug/l	99
13) Acrolein	2.239	56	111387	238.604	ug/l	97
14) Allyl chloride	2.666	41	195526	50.909	ug/l	94
15) Acrylonitrile	3.068	53	357298	262.111	ug/l	98
16) Acetone	2.392	43	325745	247.078	ug/l	92
17) Carbon Disulfide	2.508	76	189199	40.588	ug/l	100
18) Methyl Acetate	2.709	43	171087	53.460	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	465593	56.325	ug/l	98
20) Methylene Chloride	2.788	84	133661	47.088	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	115455	48.368	ug/l	99
22) Diisopropyl ether	3.770	45	419103	51.760	ug/l	98
23) Vinyl Acetate	3.727	43	1820226	265.611	ug/l	96
24) 1,1-Dichloroethane	3.611	63	233624	51.065	ug/l	99
25) 2-Butanone	4.568	43	508041	255.546	ug/l	95
26) 2,2-Dichloropropane	4.483	77	206898	53.881	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	149292	51.636	ug/l	99
28) Bromochloromethane	4.903	49	106548	49.089	ug/l	97
29) Tetrahydrofuran	5.013	42	318681	249.367	ug/l	94
30) Chloroform	5.099	83	257176	52.038	ug/l	99
31) Cyclohexane	5.477	56	172573	43.252	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	221084	51.365	ug/l	99
36) 1,1-Dichloropropene	5.696	75	163591	46.776	ug/l	99
37) Ethyl Acetate	4.727	43	194789	51.057	ug/l	97
38) Carbon Tetrachloride	5.684	117	188121	51.534	ug/l	96
39) Methylcyclohexane	7.385	83	192291	47.011	ug/l	99
40) Benzene	6.044	78	500901	49.332	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	111284	52.178	ug/l	95
42) 1,2-Dichloroethane	6.092	62	217476	53.302	ug/l	95
43) Isopropyl Acetate	6.348	43	326745	51.490	ug/l	96
44) Trichloroethene	7.129	130	146124	50.730	ug/l	99
45) 1,2-Dichloropropane	7.434	63	137876	52.017	ug/l	97
46) Dibromomethane	7.586	93	100470	53.075	ug/l	100
47) Bromodichloromethane	7.824	83	194366	56.238	ug/l	99
48) Methyl methacrylate	7.696	41	159910	51.355	ug/l	91
49) 1,4-Dioxane	7.665	88	71465	1019.771	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1006145	255.870	ug/l	94
52) Toluene	8.720	92	328500	49.990	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	219758	50.280	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	228480	50.217	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	151415	54.871	ug/l	98
56) Ethyl methacrylate	9.122	69	233415	54.740	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	240200	52.664	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	594471	256.047	ug/l	99
59) 2-Hexanone	9.433	43	763855	253.174	ug/l	91
60) Dibromochloromethane	9.525	129	156054	50.607	ug/l	99
61) 1,2-Dibromoethane	9.610	107	156187	55.148	ug/l	100
64) Tetrachloroethene	9.275	164	149352	50.620	ug/l	94
65) Chlorobenzene	10.079	112	377501	51.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	149613	56.587	ug/l	99
67) Ethyl Benzene	10.195	91	646960	50.047	ug/l	99
68) m/p-Xylenes	10.305	106	503448	102.010	ug/l	100
69) o-Xylene	10.646	106	252029	50.670	ug/l	99
70) Styrene	10.659	104	434221	53.444	ug/l	98
71) Bromoform	10.805	173	112050	49.868	ug/l #	99
73) Isopropylbenzene	10.963	105	658322	49.088	ug/l	99
74) N-amyl acetate	10.848	43	281554	49.475	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	213030	49.996	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	204952m	53.500	ug/l	
77) Bromobenzene	11.201	156	173083	51.691	ug/l	94
78) n-propylbenzene	11.305	91	753697	48.601	ug/l	97
79) 2-Chlorotoluene	11.366	91	476108	49.675	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	579371	50.174	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	72161	52.351	ug/l	97
82) 4-Chlorotoluene	11.457	91	546654	50.506	ug/l	100
83) tert-Butylbenzene	11.719	119	560338	51.124	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	584811	51.248	ug/l	99
85) sec-Butylbenzene	11.896	105	707718	50.183	ug/l	99
86) p-Isopropyltoluene	12.012	119	607516	51.353	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	320988	51.050	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	323744	51.135	ug/l	99
89) n-Butylbenzene	12.335	91	517347	49.922	ug/l	98
90) Hexachloroethane	12.542	117	94895	47.078	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	325474	52.035	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	51157	48.996	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	213555	55.426	ug/l	98
94) Hexachlorobutadiene	13.725	225	85885	52.646	ug/l	99
95) Naphthalene	13.780	128	715651	50.345	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	216281	55.812	ug/l	99

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

