

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070921\
 Data File : VX023213.D
 Acq On : 09 Jul 2021 09:00
 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
 7/12/2021 5:43:28 PM

Quant Time: Jul 10 04:16:59 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	214875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	343984	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	319219	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162161	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152886	52.940	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.880%			
35) Dibromofluoromethane	5.391	113	115068	51.802	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.600%			
50) Toluene-d8	8.653	98	408567	49.308	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.620%			
62) 4-Bromofluorobenzene	11.085	95	163065	50.976	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.960%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	97948	50.308	ug/l	97
3) Chloromethane	1.300	50	90328	46.892	ug/l	97
4) Vinyl Chloride	1.380	62	96311	47.198	ug/l	99
5) Bromomethane	1.599	94	46034	43.331	ug/l	100
6) Chloroethane	1.684	64	61150	45.828	ug/l	98
7) Trichlorofluoromethane	1.886	101	164968	46.519	ug/l	97
8) Diethyl Ether	2.136	74	66896	51.109	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	104567	50.386	ug/l	97
10) Methyl Iodide	2.453	142	127599	50.071	ug/l	94
11) Tert butyl alcohol	2.977	59	160823	264.710	ug/l	96
12) 1,1-Dichloroethene	2.318	96	93325	48.723	ug/l	95
13) Acrolein	2.245	56	96378	238.227	ug/l	99
14) Allyl chloride	2.666	41	178088	53.505	ug/l	93
15) Acrylonitrile	3.074	53	325893	275.867	ug/l	98
16) Acetone	2.386	43	305704	267.564	ug/l	92
17) Carbon Disulfide	2.514	76	202037	50.013	ug/l	99
18) Methyl Acetate	2.709	43	152765	55.081	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	408015	56.956	ug/l	97
20) Methylene Chloride	2.794	84	118338	48.106	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	102400	49.501	ug/l	95
22) Diisopropyl ether	3.769	45	376387	53.638	ug/l	98
23) Vinyl Acetate	3.727	43	1663536	280.106	ug/l	95
24) 1,1-Dichloroethane	3.617	63	207084	52.231	ug/l	98
25) 2-Butanone	4.568	43	472838	274.443	ug/l	94
26) 2,2-Dichloropropane	4.483	77	186550	56.059	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	131444	52.460	ug/l	98
28) Bromochloromethane	4.903	49	98287	52.253	ug/l	97
29) Tetrahydrofuran	5.013	42	295832	267.115	ug/l	93
30) Chloroform	5.105	83	225760	52.712	ug/l	99
31) Cyclohexane	5.476	56	159412	46.102	ug/l	94
32) 1,1,1-Trichloroethane	5.391	97	196749	52.746	ug/l	100
36) 1,1-Dichloropropene	5.696	75	145167	47.339	ug/l	99
37) Ethyl Acetate	4.727	43	179622	53.695	ug/l	97
38) Carbon Tetrachloride	5.684	117	170554	53.284	ug/l	98
39) Methylcyclohexane	7.385	83	174193	48.568	ug/l	97
40) Benzene	6.043	78	445362	50.023	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	101626	54.343	ug/l	94
42) 1,2-Dichloroethane	6.092	62	194430	54.347	ug/l	95
43) Isopropyl Acetate	6.348	43	303623	54.567	ug/l	94
44) Trichloroethene	7.129	130	128469	50.866	ug/l	95
45) 1,2-Dichloropropane	7.433	63	123674	53.213	ug/l	98
46) Dibromomethane	7.586	93	91993	55.423	ug/l	97
47) Bromodichloromethane	7.824	83	175985	58.071	ug/l	99
48) Methyl methacrylate	7.696	41	147369	53.975	ug/l	90
49) 1,4-Dioxane	7.659	88	67053	1091.208	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	937748	271.972	ug/l	93
52) Toluene	8.720	92	292367	50.741	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	196456	51.209	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	206934	51.798	ug/l	96
55) 1,1,2-Trichloroethane	9.153	97	132155	54.619	ug/l	98
56) Ethyl methacrylate	9.122	69	208874	55.865	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	213419	53.365	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	530324	260.420	ug/l	100
59) 2-Hexanone	9.433	43	715516	270.463	ug/l	90
60) Dibromochloromethane	9.525	129	141476	52.218	ug/l	99
61) 1,2-Dibromoethane	9.610	107	140136	56.431	ug/l	100
64) Tetrachloroethene	9.275	164	126648	49.743	ug/l	95
65) Chlorobenzene	10.079	112	330460	52.369	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	130675	57.274	ug/l	99
67) Ethyl Benzene	10.195	91	575674	51.606	ug/l	99
68) m/p-Xylenes	10.305	106	451139	105.930	ug/l	100
69) o-Xylene	10.646	106	224517	52.308	ug/l	99
70) Styrene	10.658	104	387857	55.320	ug/l	98
71) Bromoform	10.805	173	101399	52.098	ug/l	98
73) Isopropylbenzene	10.963	105	583537	51.081	ug/l	100
74) N-amyl acetate	10.847	43	261553	53.955	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	194503	53.589	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	189118m	57.954	ug/l	
77) Bromobenzene	11.201	156	148138	51.937	ug/l	98
78) n-propylbenzene	11.305	91	673318	50.971	ug/l	99
79) 2-Chlorotoluene	11.366	91	418104	51.212	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	510158	51.866	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	65118	55.177	ug/l	94
82) 4-Chlorotoluene	11.457	91	486038	52.717	ug/l	100
83) tert-Butylbenzene	11.719	119	491668	52.663	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	515242	53.007	ug/l	99
85) sec-Butylbenzene	11.896	105	618614	51.496	ug/l	100
86) p-Isopropyltoluene	12.012	119	533711	52.962	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	281689	52.594	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	282190	52.326	ug/l	98
89) n-Butylbenzene	12.335	91	461193	52.245	ug/l	98
90) Hexachloroethane	12.542	117	87252	50.578	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	282721	53.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47874	53.575	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	180562	55.015	ug/l	98
94) Hexachlorobutadiene	13.725	225	75305	54.190	ug/l	99
95) Naphthalene	13.780	128	627417	51.779	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	186936	56.632	ug/l	98

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

