

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023133.D
 Acq On : 03 Jul 2021 01:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 7/6/2021 1:52:37 PM

Quant Time: Jul 05 03:02:29 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	5.562	168	294111	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	477147	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	452872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	227170	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	200431	50.705	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.420%
35) Dibromofluoromethane	5.397	113	153088	49.684	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.360%
50) Toluene-d8	8.653	98	572306	49.793	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.580%
62) 4-Bromofluorobenzene	11.085	95	226730	51.098	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	150250	56.381	ug/l	99
3) Chloromethane	1.294	50	137257	52.057	ug/l	97
4) Vinyl Chloride	1.374	62	153337	54.899	ug/l	99
5) Bromomethane	1.599	94	69721	48.565	ug/l	96
6) Chloroethane	1.678	64	94414	51.695	ug/l	98
7) Trichlorofluoromethane	1.886	101	256224	52.786	ug/l	96
8) Diethyl Ether	2.142	74	93224	52.035	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	151068	53.182	ug/l	97
10) Methyl Iodide	2.453	142	183592	52.635	ug/l	93
11) Tert butyl alcohol	2.983	59	226085	271.875	ug/l	99
12) 1,1-Dichloroethene	2.318	96	140624	53.638	ug/l	91
13) Acrolein	2.245	56	130713	236.052	ug/l	99
14) Allyl chloride	2.666	41	243548	53.459	ug/l	92
15) Acrylonitrile	3.074	53	436751	270.105	ug/l	98
16) Acetone	2.392	43	403592	258.073	ug/l	92
17) Carbon Disulfide	2.514	76	296958	53.706	ug/l	98
18) Methyl Acetate	2.715	43	200642	52.854	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	535251	54.588	ug/l	100
20) Methylene Chloride	2.794	84	163885	48.673	ug/l	94
21) trans-1,2-Dichloroethene	3.099	96	149375	52.755	ug/l	98
22) Diisopropyl ether	3.776	45	520821	54.225	ug/l	94
23) Vinyl Acetate	3.733	43	2254007	277.281	ug/l	96
24) 1,1-Dichloroethane	3.617	63	291624	53.737	ug/l	98
25) 2-Butanone	4.568	43	628856	266.665	ug/l	96
26) 2,2-Dichloropropane	4.483	77	186966	41.048	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	183460	53.493	ug/l	99
28) Bromochloromethane	4.910	49	127443	49.500	ug/l	98
29) Tetrahydrofuran	5.019	42	403043	265.876	ug/l	93
30) Chloroform	5.105	83	314935	53.723	ug/l	98
31) Cyclohexane	5.476	56	246172	52.013	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	282598	55.351	ug/l	100
36) 1,1-Dichloropropene	5.702	75	217185	51.058	ug/l	98
37) Ethyl Acetate	4.727	43	244900	52.778	ug/l	95
38) Carbon Tetrachloride	5.684	117	245750	55.349	ug/l	100
39) Methylcyclohexane	7.385	83	257997	51.859	ug/l	97
40) Benzene	6.050	78	642188	52.000	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	137697	53.082	ug/l	92
42) 1,2-Dichloroethane	6.098	62	259857	52.364	ug/l	95
43) Isopropyl Acetate	6.354	43	401957	52.079	ug/l	94
44) Trichloroethene	7.129	130	176312	50.326	ug/l	96
45) 1,2-Dichloropropane	7.440	63	169209	52.486	ug/l	98
46) Dibromomethane	7.586	93	121751	52.880	ug/l	96
47) Bromodichloromethane	7.830	83	231953	55.179	ug/l	97
48) Methyl methacrylate	7.696	41	197258	52.085	ug/l	89
49) 1,4-Dioxane	7.665	88	89739	1052.826	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	1270173	265.575	ug/l	93
52) Toluene	8.726	92	420570	52.620	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	246855	46.646	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	262250	47.512	ug/l	92
55) 1,1,2-Trichloroethane	9.159	97	178371	53.146	ug/l	98
56) Ethyl methacrylate	9.122	69	284764	54.907	ug/l #	88
57) 1,3-Dichloropropane	9.311	76	290565	52.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	702007	248.734	ug/l	98
59) 2-Hexanone	9.433	43	979141	266.821	ug/l	90
60) Dibromochloromethane	9.525	129	179715	48.082	ug/l	100
61) 1,2-Dibromoethane	9.616	107	187792	54.516	ug/l	100
64) Tetrachloroethene	9.281	164	173536	48.043	ug/l	96
65) Chlorobenzene	10.085	112	459260	51.301	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	175511	54.223	ug/l	100
67) Ethyl Benzene	10.195	91	832936	52.632	ug/l	99
68) m/p-Xylenes	10.305	106	645616	106.855	ug/l	99
69) o-Xylene	10.646	106	318984	52.385	ug/l	98
70) Styrene	10.658	104	538734	54.162	ug/l	97
71) Bromoform	10.805	173	126065	46.157	ug/l	99
73) Isopropylbenzene	10.963	105	851484	53.206	ug/l	100
74) N-amyl acetate	10.847	43	361474	53.229	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	271986	53.493	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	241980m	52.933	ug/l	
77) Bromobenzene	11.201	156	210670	52.724	ug/l	95
78) n-propylbenzene	11.311	91	979912	52.952	ug/l	99
79) 2-Chlorotoluene	11.366	91	595359	52.055	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	726294	52.709	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	73377	45.315	ug/l	92
82) 4-Chlorotoluene	11.457	91	689390	53.376	ug/l	100
83) tert-Butylbenzene	11.719	119	709847	54.274	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	732226	53.773	ug/l	98
85) sec-Butylbenzene	11.896	105	901883	53.591	ug/l	100
86) p-Isopropyltoluene	12.012	119	748058	52.989	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	389665	51.934	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	387851	51.338	ug/l	98
89) n-Butylbenzene	12.335	91	653235	52.824	ug/l	98
90) Hexachloroethane	12.542	117	115861	48.099	ug/l	94
91) 1,2-Dichlorobenzene	12.341	146	382940	51.305	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62047	49.758	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	243960	53.061	ug/l	98
94) Hexachlorobutadiene	13.731	225	97815	50.246	ug/l	98
95) Naphthalene	13.780	128	855295	50.421	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	249608	53.978	ug/l	99

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

