

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060621\
 Data File : VX022523.D
 Acq On : 07 Jun 2021 09:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

SAM
 6/7/2021 7:27:17 PM

Quant Time: Jun 07 10:12:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	64826	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	144372	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	130365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	60865	60.866	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	121.740%#
35) Dibromofluoromethane	5.397	113	45705	49.921	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.840%
50) Toluene-d8	8.653	98	172964	49.043	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.080%
62) 4-Bromofluorobenzene	11.085	95	63964	49.069	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.140%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	40160	50.958	ug/l	96
3) Chloromethane	1.294	50	48101	56.583	ug/l	98
4) Vinyl Chloride	1.374	62	46850	52.082	ug/l	97
5) Bromomethane	1.599	94	23388	44.597	ug/l	98
6) Chloroethane	1.678	64	29781	55.602	ug/l	98
7) Trichlorofluoromethane	1.880	101	68840	53.226	ug/l	99
8) Diethyl Ether	2.136	74	29250	52.587	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	38753	50.459	ug/l	91
10) Methyl Iodide	2.453	142	46386	56.201	ug/l	94
11) Tert butyl alcohol	2.977	59	71732	313.628	ug/l	99
12) 1,1-Dichloroethene	2.319	96	42753	57.543	ug/l	98
13) Acrolein	2.239	56	29905	197.142	ug/l	99
14) Allyl chloride	2.666	41	70460	51.634	ug/l	96
15) Acrylonitrile	3.075	53	148196	329.121	ug/l	100
16) Acetone	2.392	43	143084	328.610	ug/l	94
17) Carbon Disulfide	2.514	76	93778	48.191	ug/l	100
18) Methyl Acetate	2.709	43	78970	68.195	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	150580	59.164	ug/l	96
20) Methylene Chloride	2.794	84	53964	55.818	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	46943	58.088	ug/l	98
22) Diisopropyl ether	3.770	45	163240	62.108	ug/l	94
23) Vinyl Acetate	3.733	43	770746	304.569	ug/l	96
24) 1,1-Dichloroethane	3.617	63	93760	60.789	ug/l	99
25) 2-Butanone	4.568	43	232852	330.555	ug/l	95
26) 2,2-Dichloropropane	4.477	77	15814	11.550	ug/l	# 76
27) cis-1,2-Dichloroethene	4.495	96	56748	57.741	ug/l	95
28) Bromochloromethane	4.903	49	42039	56.183	ug/l	# 78
29) Tetrahydrofuran	5.019	42	140370	334.798	ug/l	88
30) Chloroform	5.099	83	93362	58.584	ug/l	98
31) Cyclohexane	5.477	56	72855	57.977	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	77189	56.682	ug/l	97
36) 1,1-Dichloropropene	5.702	75	67986	50.926	ug/l	97
37) Ethyl Acetate	4.727	43	90835	55.506	ug/l	94
38) Carbon Tetrachloride	5.684	117	61571	47.148	ug/l	98
39) Methylcyclohexane	7.385	83	66385	43.845	ug/l	96
40) Benzene	6.043	78	213330	51.936	ug/l	99

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41) Methacrylonitrile	4.928	41	48578	55.487	ug/l	91
42) 1,2-Dichloroethane	6.098	62	77833	54.086	ug/l	98
43) Isopropyl Acetate	6.354	43	146364	54.679	ug/l	93
44) Trichloroethene	7.135	130	47936	46.963	ug/l	90
45) 1,2-Dichloropropane	7.440	63	56258	53.690	ug/l	97
46) Dibromomethane	7.586	93	37305	52.478	ug/l #	85
47) Bromodichloromethane	7.830	83	69229	48.667	ug/l	98
48) Methyl methacrylate	7.696	41	68479	55.511	ug/l	90
49) 1,4-Dioxane	7.665	88	27895	1161.411	ug/l #	97
51) 4-Methyl-2-Pentanone	8.580	43	466245	290.781	ug/l	91
52) Toluene	8.720	92	131113	50.403	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	62568	38.104	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	69337	39.277	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	54140	51.268	ug/l	99
56) Ethyl methacrylate	9.122	69	90480	53.014	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	94876	52.623	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	222385	240.921	ug/l	95
59) 2-Hexanone	9.433	43	354566	294.015	ug/l	90
60) Dibromochloromethane	9.525	129	46942	45.692	ug/l	99
61) 1,2-Dibromoethane	9.616	107	54471	51.807	ug/l	100
64) Tetrachloroethene	9.281	164	39732	46.421	ug/l	93
65) Chlorobenzene	10.085	112	133738	49.281	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	45579	48.335	ug/l	97
67) Ethyl Benzene	10.195	91	251277	50.333	ug/l	96
68) m/p-Xylenes	10.305	106	182673	96.819	ug/l	98
69) o-Xylene	10.646	106	89645	48.852	ug/l	95
70) Styrene	10.659	104	153765	51.150	ug/l	98
71) Bromoform	10.805	173	27103	37.857	ug/l #	97
73) Isopropylbenzene	10.963	105	236064	49.511	ug/l	99
74) N-amyl acetate	10.848	43	128951	56.980	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	86737	54.886	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	74498m	53.605	ug/l	
77) Bromobenzene	11.201	156	49962	49.422	ug/l	84
78) n-propylbenzene	11.305	91	272081	48.720	ug/l	97
79) 2-Chlorotoluene	11.366	91	164800	48.654	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	195800	49.550	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	16056	27.374	ug/l	89
82) 4-Chlorotoluene	11.457	91	189190	48.481	ug/l	96
83) tert-Butylbenzene	11.719	119	181163	47.802	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	198354	49.869	ug/l	98
85) sec-Butylbenzene	11.896	105	231181	48.002	ug/l	97
86) p-Isopropyltoluene	12.012	119	189604	46.613	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	93511	47.975	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	92055	45.691	ug/l	95
89) n-Butylbenzene	12.335	91	164630	43.754	ug/l	98
90) Hexachloroethane	12.542	117	29912	44.495	ug/l	70
91) 1,2-Dichlorobenzene	12.341	146	92617	49.469	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17569	51.954	ug/l	79
93) 1,2,4-Trichlorobenzene	13.591	180	51064	45.201	ug/l	97
94) Hexachlorobutadiene	13.731	225	17246	39.112	ug/l	99
95) Naphthalene	13.780	128	233378	52.971	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55494	48.731	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Operator : JC/MD
Sample : VSTDC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleID :
VSTDC050EC

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