

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
 Data File : VX022966.D
 Acq On : 28 Jun 2021 09:27
 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
 6/29/2021 12:24:30 PM

Quant Time: Jun 28 16:18:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 19:12:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	72604	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	139385	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	64835	49.206	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.391	113	45765	51.704	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.400%
50) Toluene-d8	8.653	98	170076	49.028	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.060%
62) 4-Bromofluorobenzene	11.085	95	64865	50.102	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.200%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.172	85	51366	50.144	ug/l	99
3) Chloromethane	1.294	50	50266	44.687	ug/l	96
4) Vinyl Chloride	1.373	62	49892	48.067	ug/l	98
5) Bromomethane	1.599	94	27601	48.269	ug/l	96
6) Chloroethane	1.684	64	29323	45.711	ug/l	98
7) Trichlorofluoromethane	1.886	101	78049	51.762	ug/l	99
8) Diethyl Ether	2.135	74	28029	48.160	ug/l	84
9) 1,1,2-Trichlorotrifluo...	2.324	101	49573	52.510	ug/l	86
10) Methyl Iodide	2.453	142	37021	33.961	ug/l	91
11) Tert butyl alcohol	2.971	59	61745	224.848	ug/l	97
12) 1,1-Dichloroethene	2.318	96	45851	48.679	ug/l	# 81
13) Acrolein	2.239	56	39872	233.453	ug/l	98
14) Allyl chloride	2.666	41	90263	50.441	ug/l	94
15) Acrylonitrile	3.068	53	158877	253.088	ug/l	99
16) Acetone	2.385	43	152575	261.199	ug/l	91
17) Carbon Disulfide	2.513	76	120793	47.272	ug/l	99
18) Methyl Acetate	2.709	43	72190	50.218	ug/l	# 89
19) Methyl tert-butyl Ether	3.123	73	171609	50.806	ug/l	97
20) Methylene Chloride	2.794	84	54890	47.399	ug/l	# 85
21) trans-1,2-Dichloroethene	3.093	96	51401	49.191	ug/l	92
22) Diisopropyl ether	3.769	45	188984	50.771	ug/l	# 96
23) Vinyl Acetate	3.727	43	825538	264.380	ug/l	94
24) 1,1-Dichloroethane	3.611	63	100342	50.458	ug/l	97
25) 2-Butanone	4.568	43	234725	258.405	ug/l	90
26) 2,2-Dichloropropane	4.477	77	82300	54.537	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	58357	50.320	ug/l	92
28) Bromochloromethane	4.897	49	47302	50.489	ug/l	# 74
29) Tetrahydrofuran	5.013	42	145548	249.108	ug/l	87
30) Chloroform	5.098	83	98699	49.343	ug/l	98
31) Cyclohexane	5.470	56	92130	49.526	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	82768	51.501	ug/l	95
36) 1,1-Dichloropropene	5.696	75	75399	50.928	ug/l	96
37) Ethyl Acetate	4.720	43	86157	50.239	ug/l	95
38) Carbon Tetrachloride	5.684	117	67889	54.672	ug/l	98
39) Methylcyclohexane	7.385	83	93265	54.004	ug/l	98
40) Benzene	6.043	78	220767	51.713	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	48238	51.058	ug/l	91
42) 1,2-Dichloroethane	6.092	62	81777	52.064	ug/l	96
43) Isopropyl Acetate	6.348	43	143460	52.031	ug/l #	92
44) Trichloroethene	7.128	130	51484	50.853	ug/l	93
45) 1,2-Dichloropropane	7.433	63	57597	52.308	ug/l	95
46) Dibromomethane	7.586	93	37309	51.071	ug/l #	82
47) Bromodichloromethane	7.824	83	71536	48.298	ug/l	95
48) Methyl methacrylate	7.695	41	68596	53.756	ug/l	88
49) 1,4-Dioxane	7.659	88	25733	936.802	ug/l #	91
51) 4-Methyl-2-Pentanone	8.579	43	442217	257.704	ug/l	90
52) Toluene	8.720	92	131640	51.009	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	83536	47.731	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	91646	48.983	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	52677	50.875	ug/l	99
56) Ethyl methacrylate	9.116	69	88537	46.501	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	94925	50.434	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	234239	246.633	ug/l	93
59) 2-Hexanone	9.433	43	356923	274.170	ug/l	87
60) Dibromochloromethane	9.524	129	47889	47.422	ug/l	99
61) 1,2-Dibromoethane	9.610	107	52171	49.612	ug/l	99
64) Tetrachloroethene	9.274	164	45567	52.735	ug/l #	89
65) Chlorobenzene	10.079	112	134917	52.104	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.165	131	45222	54.041	ug/l	97
67) Ethyl Benzene	10.195	91	256297	53.752	ug/l	96
68) m/p-Xylenes	10.305	106	187552	105.919	ug/l	94
69) o-Xylene	10.646	106	90683	52.620	ug/l	94
70) Styrene	10.658	104	153380	53.620	ug/l	94
71) Bromoform	10.805	173	28238	47.261	ug/l #	100
73) Isopropylbenzene	10.963	105	241272	51.104	ug/l	97
74) N-amyl acetate	10.847	43	125585	47.245	ug/l	89
75) 1,1,2,2-Tetrachloroethane	11.213	83	79192	48.837	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	77520m	52.598	ug/l	
77) Bromobenzene	11.201	156	48793	49.700	ug/l	79
78) n-propylbenzene	11.305	91	306962	53.735	ug/l	95
79) 2-Chlorotoluene	11.366	91	177646	51.505	ug/l	95
80) 1,3,5-Trimethylbenzene	11.457	105	208304	53.732	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.024	75	24978	46.327	ug/l #	86
82) 4-Chlorotoluene	11.457	91	208903	52.409	ug/l	93
83) tert-Butylbenzene	11.719	119	183934	50.240	ug/l	87
84) 1,2,4-Trimethylbenzene	11.756	105	204388	52.382	ug/l	96
85) sec-Butylbenzene	11.896	105	262143	53.094	ug/l	96
86) p-Isopropyltoluene	12.012	119	212475	54.156	ug/l	95
87) 1,3-Dichlorobenzene	11.969	146	98047	51.764	ug/l	95
88) 1,4-Dichlorobenzene	12.042	146	99036	50.004	ug/l	96
89) n-Butylbenzene	12.335	91	214702	57.555	ug/l	96
90) Hexachloroethane	12.542	117	34806	48.116	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	95266	51.532	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17702	46.522	ug/l	71
93) 1,2,4-Trichlorobenzene	13.591	180	57475	56.056	ug/l	97
94) Hexachlorobutadiene	13.725	225	22664	56.412	ug/l	98
95) Naphthalene	13.780	128	223093	49.086	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55406	53.649	ug/l	97

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

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