Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062821\
Data File : VX022991.D
Acq On : 28 Jun 2021 20:08
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/29/2021 12:24:18 PM

Quant Time: Jun 29 03:09:17 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	5.568	168	66772	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	6.769	114	134893	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	120314	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59586	49.173	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.340%			
35) Dibromofluoromethane	5.397	113	42321	49.406	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.820%			
50) Toluene-d8	8.653	98	164874	49.111	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.220%			
62) 4-Bromofluorobenzene	11.085	95	64691	51.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.260%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	46270	49.114	ug/l	98
3) Chloromethane	1.294	50	50535	48.850	ug/l	98
4) Vinyl Chloride	1.373	62	46966	49.200	ug/l	100
5) Bromomethane	1.599	94	23581	44.841	ug/l	100
6) Chloroethane	1.678	64	29162	49.431	ug/l	100
7) Trichlorofluoromethane	1.886	101	70914	51.138	ug/l	99
8) Diethyl Ether	2.135	74	26758	49.992	ug/l	81
9) 1,1,2-Trichlorotrifluo...	2.324	101	43600	50.217	ug/l	89
10) Methyl Iodide	2.452	142	48136	46.409	ug/l	93
11) Tert butyl alcohol	2.977	59	60384	239.097	ug/l	99
12) 1,1-Dichloroethene	2.318	96	43444	50.152	ug/l	89
13) Acrolein	2.245	56	40741	259.375	ug/l	100
14) Allyl chloride	2.666	41	84036	51.063	ug/l	92
15) Acrylonitrile	3.074	53	157004	271.949	ug/l	100
16) Acetone	2.392	43	131209	244.241	ug/l	94
17) Carbon Disulfide	2.513	76	100200	42.983	ug/l	99
18) Methyl Acetate	2.709	43	70450	53.288	ug/l #	89
19) Methyl tert-butyl Ether	3.123	73	164273	52.881	ug/l	95
20) Methylene Chloride	2.794	84	52577	49.351	ug/l #	85
21) trans-1,2-Dichloroethene	3.093	96	47532	49.462	ug/l	91
22) Diisopropyl ether	3.775	45	185949	54.319	ug/l #	89
23) Vinyl Acetate	3.733	43	800450	278.735	ug/l	94
24) 1,1-Dichloroethane	3.617	63	95401	52.164	ug/l	98
25) 2-Butanone	4.568	43	221810	265.515	ug/l #	87
26) 2,2-Dichloropropane	4.483	77	63712	45.907	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	55256	51.808	ug/l	93
28) Bromochloromethane	4.909	49	45208	52.469	ug/l #	75
29) Tetrahydrofuran	5.013	42	147065	273.689	ug/l	86
30) Chloroform	5.104	83	95554	51.943	ug/l	96
31) Cyclohexane	5.476	56	85710	50.099	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	79191	53.579	ug/l	97
36) 1,1-Dichloropropene	5.702	75	68936	48.113	ug/l	96
37) Ethyl Acetate	4.726	43	87774	52.886	ug/l #	93
38) Carbon Tetrachloride	5.684	117	61659	51.308	ug/l	99
39) Methylcyclohexane	7.385	83	82345	49.269	ug/l	90
40) Benzene	6.049	78	209512	50.711	ug/l	99

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41) Methacrylonitrile	4.934	41	49498	54.136	ug/l		91
42) 1,2-Dichloroethane	6.092	62	81013	53.296	ug/l		97
43) Isopropyl Acetate	6.354	43	141846	53.159	ug/l	#	91
44) Trichloroethene	7.135	130	48833	49.841	ug/l		96
45) 1,2-Dichloropropane	7.439	63	55479	52.062	ug/l		96
46) Dibromomethane	7.586	93	36449	51.556	ug/l	#	83
47) Bromodichloromethane	7.830	83	67785	47.351	ug/l		97
48) Methyl methacrylate	7.702	41	65808	53.289	ug/l		86
49) 1,4-Dioxane	7.665	88	23877	898.181	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.579	43	449612	270.739	ug/l		90
52) Toluene	8.720	92	126514	50.656	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	76820	45.538	ug/l		97
54) cis-1,3-Dichloropropene	8.372	75	83237	46.129	ug/l	#	89
55) 1,1,2-Trichloroethane	9.159	97	49851	49.749	ug/l		97
56) Ethyl methacrylate	9.122	69	87972	47.674	ug/l	#	75
57) 1,3-Dichloropropane	9.311	76	94339	51.792	ug/l		98
58) 2-Chloroethyl Vinyl ether	8.250	63	229100	249.200	ug/l		93
59) 2-Hexanone	9.433	43	340880	270.566	ug/l		87
60) Dibromochloromethane	9.524	129	44158	45.356	ug/l		98
61) 1,2-Dibromoethane	9.616	107	52102	51.196	ug/l		99
64) Tetrachloroethene	9.281	164	42762	50.576	ug/l		90
65) Chlorobenzene	10.085	112	126925	50.094	ug/l		99
66) 1,1,1,2-Tetrachloroethane	10.171	131	44995	54.950	ug/l		97
67) Ethyl Benzene	10.195	91	244802	52.469	ug/l		96
68) m/p-Xylenes	10.305	106	177710	102.565	ug/l		93
69) o-Xylene	10.646	106	86661	51.390	ug/l		91
70) Styrene	10.658	104	145695	52.052	ug/l		94
71) Bromoform	10.805	173	25649	44.203	ug/l	#	99
73) Isopropylbenzene	10.963	105	229938	52.623	ug/l		99
74) N-amyl acetate	10.847	43	124897	50.614	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	11.219	83	79462	52.947	ug/l		99
76) 1,2,3-Trichloropropane	11.244	75	73014m	53.528	ug/l		
77) Bromobenzene	11.201	156	46439	51.109	ug/l		78
78) n-propylbenzene	11.305	91	283635	53.647	ug/l		96
79) 2-Chlorotoluene	11.366	91	170091	53.284	ug/l		95
80) 1,3,5-Trimethylbenzene	11.457	105	197457	55.033	ug/l		96
81) trans-1,4-Dichloro-2-b...	11.024	75	22434	45.150	ug/l	#	80
82) 4-Chlorotoluene	11.457	91	196237	53.194	ug/l		92
83) tert-Butylbenzene	11.719	119	176428	52.068	ug/l		87
84) 1,2,4-Trimethylbenzene	11.756	105	199130	55.142	ug/l		95
85) sec-Butylbenzene	11.896	105	245124	53.642	ug/l		96
86) p-Isopropyltoluene	12.012	119	191564	52.756	ug/l		94
87) 1,3-Dichlorobenzene	11.975	146	89296	50.938	ug/l		96
88) 1,4-Dichlorobenzene	12.042	146	89829	49.005	ug/l		95
89) n-Butylbenzene	12.335	91	193813	56.137	ug/l		96
90) Hexachloroethane	12.542	117	30550	45.823	ug/l		70
91) 1,2-Dichlorobenzene	12.341	146	89467	52.290	ug/l		94
92) 1,2-Dibromo-3-Chloropr...	12.944	75	17670	49.863	ug/l		70
93) 1,2,4-Trichlorobenzene	13.591	180	49573	52.241	ug/l		96
94) Hexachlorobutadiene	13.725	225	18178	48.887	ug/l		97
95) Naphthalene	13.780	128	209906	49.869	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	51677	54.066	ug/l		98

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

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