Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051921\
Data File : VX022098.D
Acq On : 19 May 2021 19:19
Operator : JC/MD
Sample : VIBLK02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VIBLK02

Quant Time: May 20 04:24:02 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	79136	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	163262	50.00	ug/l		0.00
63) Chlorobenzene-d5	10.061	117	143132	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55890	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.970	65	63068	51.66	ug/l		0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.32%				
35) Dibromofluoromethane	5.397	113	50771	49.04	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.08%				
50) Toluene-d8	8.653	98	199482	50.02	ug/l		0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.04%				
62) 4-Bromofluorobenzene	11.085	95	69980	47.47	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.94%				
Target Compounds							Qvalue
3) Chloromethane	1.294	50	150	0.14	ug/l	#	52
6) Chloroethane	1.563	64	55	0.08	ug/l	#	43
9) 1,1,2-Trichlorotrifluo...	2.325	101	19	0.02	ug/l	#	19
11) Tert butyl alcohol	2.946	59	40	0.14	ug/l	#	73
13) Acrolein	2.203	56	29	0.16	ug/l	#	14
14) Allyl chloride	2.672	41	94	0.06	ug/l	#	72
17) Carbon Disulfide	2.514	76	424	0.18	ug/l	#	66
18) Methyl Acetate	2.666	43	52	0.04	ug/l	#	47
22) Diisopropyl ether	3.709	45	19	0.01	ug/l	#	27
23) Vinyl Acetate	3.739	43	177	0.06	ug/l	#	68
25) 2-Butanone	4.574	43	25	0.03	ug/l	#	45
37) Ethyl Acetate	4.574	43	25	0.01	ug/l	#	64
39) Methylcyclohexane	7.391	83	53	0.03	ug/l	#	19
40) Benzene	6.056	78	26	0.01	ug/l	#	52
41) Methacrylonitrile	4.934	41	58	0.06	ug/l	#	1
42) 1,2-Dichloroethane	6.098	62	124	0.08	ug/l	#	73
43) Isopropyl Acetate	6.379	43	20	0.01	ug/l	#	57
44) Trichloroethene	7.141	130	48	0.04	ug/l		1
45) 1,2-Dichloropropane	7.446	63	25	0.02	ug/l	#	43
48) Methyl methacrylate	7.750	41	20	0.01	ug/l	#	10
53) t-1,3-Dichloropropene	8.982	75	44	0.02	ug/l	#	44
59) 2-Hexanone	9.433	43	106	0.08	ug/l	#	19
60) Dibromochloromethane	9.275	129	32	0.03	ug/l	#	11
65) Chlorobenzene	10.092	112	112	0.04	ug/l	#	42
67) Ethyl Benzene	10.195	91	180	0.03	ug/l	#	44
68) m/p-Xylenes	10.305	106	77	0.04	ug/l	#	1
73) Isopropylbenzene	10.969	105	80	0.02	ug/l	#	49
74) N-amyl acetate	10.872	43	29	0.01	ug/l	#	38
77) Bromobenzene	11.213	156	35	0.03	ug/l	#	58
78) n-propylbenzene	11.317	91	239	0.04	ug/l		96
79) 2-Chlorotoluene	11.457	91	245	0.07	ug/l		85
80) 1,3,5-Trimethylbenzene	11.457	105	105	0.03	ug/l	#	29
82) 4-Chlorotoluene	11.457	91	245	0.06	ug/l		90
83) tert-Butylbenzene	11.713	119	48	0.01	ug/l	#	1
84) 1,2,4-Trimethylbenzene	11.756	105	178	0.05	ug/l	#	31
85) sec-Butylbenzene	11.890	105	228	0.05	ug/l	#	57

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
86) p-Isopropyltoluene	12.012	119	231	0.06	ug/l	#	1
87) 1,3-Dichlorobenzene	11.963	146	144	0.07	ug/l	#	53
88) 1,4-Dichlorobenzene	12.048	146	193	0.10	ug/l	#	25
89) n-Butylbenzene	12.341	91	291	0.08	ug/l	#	65
93) 1,2,4-Trichlorobenzene	13.591	180	75	0.07	ug/l	#	59
95) Naphthalene	13.780	128	298	0.07	ug/l	#	69

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

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