Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029748.D
Acq On : 01 May 2021 15:12
Operator : CG/JU
Sample : SSTD16014
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160014

Manual Integrations APPROVED
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Quant Time: May 01 15:49:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 14:02:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	49903	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	186805	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	138605	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	308704	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	377303	20.00	ng/ul	0.00
88) Perylene-d12	23.33	264	408845	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
4) Pyridine-d5	3.48	84	417734	125.88	ng/ul	-0.02
7) Phenol-d5	6.77	99	581275	147.49	ng/ul	0.01
9) Bis-(2-Chloroethyl)ether-d	6.93	67	287478	126.21	ng/ul	0.00
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.31	113	485318	158.65	ng/ul	0.02
21) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
24) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
28) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
31) 4-Chloroaniline-d4	10.51	131	682690	162.57	ng/ul	0.00
46) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
49) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
54) 4-Nitrophenol-d4	14.47	143	285275	167.58	ng/ul	0.02
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.37	200	406248	279.15	ng/ul	0.02
73) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
81) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
92) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.50	79	420704	123.405	ng/ul	97
6) Benzaldehyde	6.73	77	290374	137.299	ng/ul	98
8) Phenol	6.80	94	569684	137.539	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.02	93	423638	138.417	ng/ul	99
13) 2-Methylphenol	8.03	108	450517	147.455	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.12	45	389135	97.004	ng/ul	98
16) Acetophenone	8.41	105	732568	146.532	ng/ul	99
18) 4-Methylphenol	8.38	108	487304	150.211	ng/ul	92
32) 4-Chloroaniline	10.53	127	692563	162.167	ng/ul	98
34) Caprolactam	11.35	113	156073m	204.407	ng/ul	
40) Hexachlorocyclopentadiene	12.38	237	560574	178.191	ng/ul	93
51) 3-Nitroaniline	14.16	138	338889	184.034	ng/ul	94
53) 2,4-Dinitrophenol	14.37	184	270278	302.481	ng/ul	93
55) 4-Nitrophenol	14.49	109	199735	123.312	ng/ul	88
63) 4-Nitroaniline	15.33	138	340828m	177.353	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.39	198	384465	251.152	ng/ul#	96
70) Atrazine	16.46	200	632854	167.520	ng/ul	99
71) Pentachlorophenol	16.63	266	440164	211.818	ng/ul	99
77) Carbazole	17.39	167	2539458	147.324	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.09	252	1556920	199.260	ng/ul	99
89) Di-n-octyl phthalate	21.94	149	3643216	139.692	ng/ul	100

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

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