Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029788.D
Acq On : 04 May 2021 13:24
Operator : CG/JU
Sample : SSTD16015
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD160015

Manual Integrations APPROVED
mohammad
5/5/2021 11:26:32 AM

Quant Time: May 04 14:03:50 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 12:20:39 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	113194	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	462224	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	274836	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	534984	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	576024	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	606291	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	1300947	259.47	ng/ul	-0.02
7) Phenol-d5	6.76	99	1681564	220.61	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	983349	246.33	ng/ul	0.00
11) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
15) 4-Methylphenol-d8	8.30	113	1323410	202.72	ng/ul	0.01
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	10.50	131	1769106	176.20	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	14.46	143	640595	222.44	ng/ul	0.02
60) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
65) 4,6-Dinitro-2-methylphenol	15.36	200	666831	171.43	ng/ul	0.01
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	1346713	252.359	ng/ul	90
6) Benzaldehyde	6.72	77	603543	138.070	ng/ul	96
8) Phenol	6.79	94	1696177	224.528	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	1283574	222.019	ng/ul	99
13) 2-Methylphenol	8.02	108	1260896	207.939	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.11	45	1871314	329.742	ng/ul	100
16) Acetophenone	8.40	105	2010522	199.801	ng/ul	95
18) 4-Methylphenol	8.37	108	1344995	203.580	ng/ul	96
32) 4-Chloroaniline	10.52	127	1816535	179.745	ng/ul	99
34) Caprolactam	11.34	113	398177m	173.423	ng/ul	
40) Hexachlorocyclopentadiene	12.37	237	902117	171.578	ng/ul	95
51) 3-Nitroaniline	14.15	138	736576	194.413	ng/ul	92
53) 2,4-Dinitrophenol	14.36	184	478399	188.545	ng/ul	88
55) 4-Nitrophenol	14.48	109	442463	217.241	ng/ul	94
63) 4-Nitroaniline	15.32	138	684505m	169.837	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.38	198	645627	172.283	ng/ul#	93
70) Atrazine	16.46	200	1033373	151.811	ng/ul	99
71) Pentachlorophenol	16.63	266	730898	183.271	ng/ul	94
77) Carbazole	17.38	167	4850051	176.254	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.08	252	2024463	136.929	ng/ul	99
89) Di-n-octyl phthalate	21.94	149	7021597	201.801	ng/ul	100

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

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