Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040922\
Data File : BM034561.D
Acq On : 08 Apr 2022 13:15
Operator : CG/JU
Sample : SSTD16009
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Apr 08 14:10:06 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040922.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 13:18:10 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160016

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/11/2022
Supervised By :Yogesh Patel 04/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	115087	20.000	ng/ul	0.00
20) Naphthalene-d8	10.689	136	463349	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.530	164	283101	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.271	188	558022	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.448	240	576803	20.000	ng/ul	# 0.00
88) Perylene-d12	23.830	264	611785	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.678	84	1347849	214.725	ng/ul	0.00
7) Phenol-d5	7.048	99	1688323	219.216	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.207	67	1030588	228.095	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.607	113	1302193	197.694	ng/ul	0.02
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	10.831	131	1729669	188.248	ng/ul	0.00
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	14.742	143	656396	204.576	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.648	200	658418	186.490	ng/ul	0.01
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
5) Pyridine	3.696	79	1402144	215.539	ng/ul#	80
6) Benzaldehyde	7.013	77	1110723m	277.105	ng/ul	
8) Phenol	7.078	94	1673765	220.255	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.307	93	1282835	202.494	ng/ul	90
13) 2-Methylphenol	8.331	108	1239989	203.907	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.419	45	1846414	316.063	ng/ul#	86
16) Acetophenone	8.713	105	2003765	193.735	ng/ul#	91
18) 4-Methylphenol	8.678	108	1313145	200.298	ng/ul	99
32) 4-Chloroaniline	10.854	127	1737168	190.091	ng/ul	99
34) Caprolactam	11.660	113	399697m	200.379	ng/ul	
40) Hexachlorocyclopentadiene	12.713	237	977325	140.253	ng/ul	96
51) 3-Nitroaniline	14.436	138	583566	170.922	ng/ul	87
53) 2,4-Dinitrophenol	14.642	184	492988	193.371	ng/ul#	83
55) 4-Nitrophenol	14.760	109	549061	205.624	ng/ul#	86
63) 4-Nitroaniline	15.601	138	469404	162.412	ng/ul#	95
66) 4,6-Dinitro-2-methylph...	15.666	198	637094	184.613	ng/ul#	89
70) Atrazine	16.742	200	1068149	167.974	ng/ul	99
71) Pentachlorophenol	16.924	266	782244	165.833	ng/ul	99
77) Carbazole	17.677	167	4604787	192.167	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.365	252	1656145	144.833	ng/ul#	98
89) Di-n-octyl phthalate	22.283	149	6841762	208.707	ng/ul	100

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

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