Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072522\
Data File : BM035914.D
Acq On : 25 Jul 2022 14:09
Operator : CG/JU
Sample : SSTD16059
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160010

Quant Time: Jul 25 14:43:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM072522.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 25 13:20:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	415700	20.000	ng/ul	0.00
20) Naphthalene-d8	10.698	136	1782920	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.527	164	1027695	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.268	188	1965657	20.000	ng/ul	0.00
79) Chrysene-d12	21.445	240	1434256	20.000	ng/ul	0.00
88) Perylene-d12	23.815	264	1236683	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	3.699	84	4878244	190.198	ng/ul	0.00
7) Phenol-d5	7.069	99	5700787	178.937	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.234	67	3588336	181.119	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.622	113	4537485	170.133	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	10.851	131	6446174	168.608	ng/ul	0.02
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	14.763	143	2319708	216.019	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.657	200	1974147	168.460	ng/ul	0.03
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	3.716	79	4984640	184.267	ng/ul	92
6) Benzaldehyde	7.028	77	1620062	118.718	ng/ul	95
8) Phenol	7.099	94	6067166	178.471	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.328	93	4757551	179.180	ng/ul	96
13) 2-Methylphenol	8.345	108	4572514	181.582	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.434	45	6197174	156.581	ng/ul	97
16) Acetophenone	8.734	105	6838703	169.122	ng/ul	98
18) 4-Methylphenol	8.704	108	4790431	176.763	ng/ul	95
32) 4-Chloroaniline	10.875	127	6345456	166.719	ng/ul	97
34) Caprolactam	11.716	113	1374393m	165.565	ng/ul	
40) Hexachlorocyclopentadiene	12.704	237	3493195	330.098	ng/ul	96
51) 3-Nitroaniline	14.457	138	2515663	176.149	ng/ul	94
53) 2,4-Dinitrophenol	14.657	184	1533483	199.647	ng/ul	95
55) 4-Nitrophenol	14.780	109	1728819	247.723	ng/ul#	83
63) 4-Nitroaniline	15.627	138	2004688m	157.142	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.674	198	1946686	166.928	ng/ul#	97
70) Atrazine	16.751	200	3188455	156.950	ng/ul	99
71) Pentachlorophenol	16.921	266	2505197	217.898	ng/ul	99
77) Carbazole	17.680	167	14045202	143.711	ng/ul#	89
84) 3,3'-Dichlorobenzidine	21.368	252	3493612	133.550	ng/ul#	98
89) Di-n-octyl phthalate	22.280	149	12631520	155.625	ng/ul	100

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

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