Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011524\
Data File : BN029238.D
Acq On : 15 Jan 2024 16:05
Operator : MA/JU
Sample : SSTD16007
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160230

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

Quant Time: Jan 15 16:35:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 15 15:04:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	130722	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	588626	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	374723	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.339	188	828155	20.000	ng/ul	0.00
79) Chrysene-d12	21.545	240	796233	20.000	ng/ul	0.01
88) Perylene-d12	23.957	264	851008	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.781	84	1736576	177.575	ng/ul	0.00
7) Phenol-d5	7.122	99	2267037	178.494	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.299	67	1342027	168.053	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.675	113	1819464	174.290	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	10.904	131	2747416	168.101	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	14.828	143	1018664	201.441	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.728	200	837410	267.602	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	3.799	79	1754088	176.038	ng/ul	97
6) Benzaldehyde	7.093	77	593194	103.218	ng/ul	98
8) Phenol	7.152	94	2301591	177.388	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.393	93	1770941	168.374	ng/ul	98
13) 2-Methylphenol	8.399	108	1747493	174.177	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.487	45	2178858	159.670	ng/ul	98
16) Acetophenone	8.793	105	2899522	163.372	ng/ul	99
18) 4-Methylphenol	8.752	108	1844017	170.347	ng/ul	97
32) 4-Chloroaniline	10.934	127	2672796	169.331	ng/ul	98
34) Caprolactam	11.763	113	586173m	160.605	ng/ul	
40) Hexachlorocyclopentadiene	12.751	237	1475134	215.273	ng/ul	99
51) 3-Nitroaniline	14.522	138	981070	188.374	ng/ul#	90
53) 2,4-Dinitrophenol	14.722	184	541604	286.581	ng/ul	97
55) 4-Nitrophenol	14.845	109	890949	195.458	ng/ul	94
63) 4-Nitroaniline	15.704	138	820397	162.768	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.745	198	918765	252.985	ng/ul#	96
70) Atrazine	16.834	200	1614969	171.673	ng/ul	98
71) Pentachlorophenol	16.986	266	1203297	217.971	ng/ul	97
77) Carbazole	17.757	167	7774737	167.791	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.469	252	2693427	143.081	ng/ul	97
89) Di-n-octyl phthalate	22.427	149	12210187	204.501	ng/ul	100

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