Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110923\
Data File : BP017992.D
Acq On : 09 Nov 2023 17:16
Operator : MA/JU
Sample : SSTD16051
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160615

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/15/2023

Quant Time: Nov 09 22:25:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 21:43:35 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	72711	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	308331	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.546	164	196619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	431780	20.000	ng/ul	0.00
79) Chrysene-d12	21.457	240	406367	20.000	ng/ul	0.00
88) Perylene-d12	23.969	264	426029	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	3.676	84	949014	171.909	ng/ul	0.00
7) Phenol-d5	7.040	99	1227415	179.628	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	689276	166.525	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.605	113	966338	176.320	ng/ul	0.01
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	10.869	131	1269408	168.267	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	14.816	143	558581	211.005	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.716	200	569530	188.904	ng/ul	0.02
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	3.693	79	955706	168.645	ng/ul	98
6) Benzaldehyde	7.034	77	464412	123.476	ng/ul	95
8) Phenol	7.069	94	1190710	176.961	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.317	93	896573	168.826	ng/ul	99
13) 2-Methylphenol	8.322	108	893058	177.091	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.381	45	1010666m	164.240	ng/ul	
16) Acetophenone	8.734	105	1500173	171.185	ng/ul	99
18) 4-Methylphenol	8.675	108	949452	173.615	ng/ul	96
32) 4-Chloroaniline	10.899	127	1216206	168.509	ng/ul	98
34) Caprolactam	11.769	113	274131m	162.732	ng/ul	
40) Hexachlorocyclopentadiene	12.646	237	699905	219.579	ng/ul	97
51) 3-Nitroaniline	14.522	138	528272	165.864	ng/ul	97
53) 2,4-Dinitrophenol	14.728	184	401406	219.411	ng/ul	99
55) 4-Nitrophenol	14.828	109	640038	178.471	ng/ul	95
63) 4-Nitroaniline	15.710	138	495502	164.350	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.728	198	584138	184.945	ng/ul#	95
70) Atrazine	16.798	200	756706	158.126	ng/ul	98
71) Pentachlorophenol	16.957	266	615049	187.376	ng/ul	97
77) Carbazole	17.763	167	3864120	164.686	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.380	252	1612903	167.499	ng/ul	98
89) Di-n-octyl phthalate	22.280	149	5796157	179.242	ng/ul	100

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