Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081023\
Data File : BP016545.D
Acq On : 10 Aug 2023 13:08
Operator : MA/JU
Sample : SSTD16023
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160623

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :mohammad ahmed 08/11/2023

Quant Time: Aug 11 02:53:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 10 14:05:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	504120	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	2203545	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.716	164	1328076	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	2937302	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	2326940	20.000	ng/ul	0.02
88) Perylene-d12	24.180	264	2784468	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.834	84	5599469	154.862	ng/ul	0.00
7) Phenol-d5	7.216	99	6482313	154.689	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.410	67	3779243	146.604	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.787	113	5281121	157.288	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	11.063	131	6952320	146.937	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	14.951	143	3030910	162.301	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.857	200	2481200	178.229	ng/ul	0.04
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	3.852	79	5659548	152.499	ng/ul	98
6) Benzaldehyde	7.222	77	2197511	101.089	ng/ul	98
8) Phenol	7.252	94	6683295	151.834	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.505	93	5248057	145.960	ng/ul	99
13) 2-Methylphenol	8.510	108	5094788	154.566	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.587	45	6396679m	144.227	ng/ul	
16) Acetophenone	8.940	105	7239944	139.234	ng/ul	97
18) 4-Methylphenol	8.863	108	5613734	157.204	ng/ul	98
32) 4-Chloroaniline	11.093	127	6565770	141.126	ng/ul	99
34) Caprolactam	11.963	113	1754703m	155.887	ng/ul	
40) Hexachlorocyclopentadiene	12.851	237	3840180	162.173	ng/ul	98
51) 3-Nitroaniline	14.669	138	2826075	151.278	ng/ul	97
53) 2,4-Dinitrophenol	14.863	184	2069560	217.265	ng/ul	94
55) 4-Nitrophenol	14.969	109	2139336	155.476	ng/ul	96
63) 4-Nitroaniline	15.863	138	2258531m	133.636	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.875	198	2557367	166.976	ng/ul#	96
70) Atrazine	16.951	200	4113783	145.674	ng/ul	98
71) Pentachlorophenol	17.110	266	3380159	166.263	ng/ul	99
77) Carbazole	17.904	167	15965619	121.783	ng/ul#	91
84) 3,3'-Dichlorobenzidine	21.510	252	7448658	147.462	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	17926981m	116.064	ng/ul	

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