Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110623\
Data File : BP017919.D
Acq On : 06 Nov 2023 18:11
Operator : MA/JU
Sample : SSTD16045
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160608

Manual Integrations APPROVED

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

Quant Time: Nov 07 03:35:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 07 03:03:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	79616	20.000	ng/ul	0.00
20) Naphthalene-d8	10.681	136	335765	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.528	164	210475	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	458268	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.422	240	432328	20.000	ng/ul	0.00
88) Perylene-d12	23.904	264	437574	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	3.675	84	1015859	175.961	ng/ul	0.00
7) Phenol-d5	7.040	99	1319880	176.783	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.222	67	749431	166.403	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.599	113	1050059	170.162	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	10.863	131	1380987	168.202	ng/ul	0.01
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	14.792	143	591638	208.500	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.692	200	615715	183.725	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	1024593	170.696	ng/ul	93
6) Benzaldehyde	7.034	77	505439	121.715	ng/ul	96
8) Phenol	7.069	94	1284062	174.832	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.316	93	978918	166.420	ng/ul	98
13) 2-Methylphenol	8.316	108	975365	172.741	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.375	45	1095513m	161.784	ng/ul	
16) Acetophenone	8.728	105	1648834	166.496	ng/ul	99
18) 4-Methylphenol	8.675	108	1028156	169.267	ng/ul	98
32) 4-Chloroaniline	10.887	127	1338883	169.801	ng/ul	99
34) Caprolactam	11.757	113	291077m	165.098	ng/ul	
40) Hexachlorocyclopentadiene	12.634	237	792163	204.031	ng/ul	100
51) 3-Nitroaniline	14.498	138	559585	164.446	ng/ul	92
53) 2,4-Dinitrophenol	14.710	184	440774	207.293	ng/ul	89
55) 4-Nitrophenol	14.816	109	679488	199.257	ng/ul	91
63) 4-Nitroaniline	15.692	138	513492	161.427	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.704	198	632085	180.541	ng/ul#	95
70) Atrazine	16.775	200	847689	157.363	ng/ul	100
71) Pentachlorophenol	16.933	266	667829	177.505	ng/ul	97
77) Carbazole	17.733	167	4115569	168.506	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.351	252	1796955	166.273	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	6531183	176.728	ng/ul	100

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