Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120123\
Data File : BP018473.D
Acq On : 01 Dec 2023 12:46
Operator : MA/JU
Sample : SSTD16069
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160635

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/04/2023
Supervised By :mohammad ahmed 12/04/2023

Quant Time: Dec 01 21:51:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 01 15:19:56 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	415633	20.000	ng/ul	0.00
20) Naphthalene-d8	10.669	136	1784286	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.498	164	1081040	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.251	188	2044731	20.000	ng/ul	0.01
79) Chrysene-d12	21.333	240	1185291	20.000	ng/ul	0.00
88) Perylene-d12	23.715	264	1514387	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	3.693	84	4796714	146.824	ng/ul	0.00
7) Phenol-d5	7.057	99	6342959	152.072	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.216	67	3498174	141.505	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.604	113	4964526	147.073	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	10.822	131	5806650	131.974	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	14.734	143	2192670	138.448	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.633	200	2097593	171.089	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	4785791	145.061	ng/ul	96
6) Benzaldehyde	7.010	77	2207775	102.520	ng/ul	99
8) Phenol	7.087	94	6015058	147.053	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.310	93	4751027	141.430	ng/ul	99
13) 2-Methylphenol	8.328	108	4590894	146.603	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	5787970	135.790	ng/ul	97
16) Acetophenone	8.716	105	6647490	132.140	ng/ul	99
18) 4-Methylphenol	8.681	108	4938215	144.415	ng/ul	98
32) 4-Chloroaniline	10.845	127	5386878	128.458	ng/ul	98
34) Caprolactam	11.693	113	1444547m	145.235	ng/ul	
40) Hexachlorocyclopentadiene	12.681	237	3970886	170.808	ng/ul	97
51) 3-Nitroaniline	14.428	138	2431508	135.748	ng/ul	100
53) 2,4-Dinitrophenol	14.628	184	1683891	177.068	ng/ul	97
55) 4-Nitrophenol	14.751	109	1655305	138.342	ng/ul	92
63) 4-Nitroaniline	15.610	138	2050224	122.536	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	2145517	163.681	ng/ul#	91
70) Atrazine	16.728	200	2372124	117.757	ng/ul	99
71) Pentachlorophenol	16.898	266	2739773	159.839	ng/ul	99
77) Carbazole	17.663	167	12529241	126.999	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.257	252	4272352	148.326	ng/ul	98
89) Di-n-octyl phthalate	22.168	149	13264962	119.970	ng/ul	100

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