Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100423\
Data File : BP017534.D
Acq On : 04 Oct 2023 15:55
Operator : MA/JU
Sample : SSTD16065
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160629

Quant Time: Oct 04 16:32:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 04 16:12:10 2023
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2023
Supervised By :mohammad ahmed 10/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	114969	20.000	ng/ul	0.00
20) Naphthalene-d8	10.787	136	469391	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.640	164	292513	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	656966	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	636320	20.000	ng/ul	0.00
88) Perylene-d12	24.151	264	693433	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	3.728	84	1076046	139.246	ng/ul	0.00
7) Phenol-d5	7.116	99	1547964	160.034	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.293	67	885836	147.786	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.687	113	1207884	155.006	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	10.963	131	1666402	153.703	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	14.898	143	699052	179.138	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.798	200	718252	179.681	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	3.752	79	1099900	134.764	ng/ul	95
6) Benzaldehyde	7.105	77	518731	98.150	ng/ul	100
8) Phenol	7.146	94	1524664	156.722	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.387	93	1188764	149.559	ng/ul	99
13) 2-Methylphenol	8.405	108	1153653	158.608	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.463	45	1539189m	146.496	ng/ul	
16) Acetophenone	8.810	105	1852771	149.768	ng/ul	97
18) 4-Methylphenol	8.758	108	1226497	155.160	ng/ul	98
32) 4-Chloroaniline	10.987	127	1565525	150.705	ng/ul	98
34) Caprolactam	11.857	113	359160m	157.331	ng/ul	
40) Hexachlorocyclopentadiene	12.746	237	1036648	201.808	ng/ul	98
51) 3-Nitroaniline	14.604	138	610511	147.524	ng/ul	94
53) 2,4-Dinitrophenol	14.810	184	520571	221.647	ng/ul	96
55) 4-Nitrophenol	14.916	109	649658	187.224	ng/ul	95
63) 4-Nitroaniline	15.792	138	540292	137.056	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.810	198	751365	174.608	ng/ul#	99
70) Atrazine	16.898	200	1121367	156.959	ng/ul	97
71) Pentachlorophenol	17.057	266	831510	169.440	ng/ul	98
77) Carbazole	17.863	167	4964301	151.838	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.492	252	2284413	157.508	ng/ul	99
89) Di-n-octyl phthalate	22.416	149	7276281	167.407	ng/ul	100

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