Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041823\
Data File : BP014718.D
Acq On : 18 Apr 2023 18:30
Operator : CG/JU
Sample : SSTD16052
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTD160637

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 19 01:03:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 19 00:51:18 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	211377	20.000	ng/ul	0.00
20) Naphthalene-d8	10.987	136	884863	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.792	164	543077	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.545	188	1171770	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	1017793	20.000	ng/ul	0.01
88) Perylene-d12	24.204	264	1189061	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	3.911	84	2276037	162.942	ng/ul	0.00
7) Phenol-d5	7.305	99	2986639	153.207	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.481	67	1697144	135.689	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.869	113	2347366	149.279	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	11.128	131	3146923	160.377	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	14.981	143	1235312	185.697	ng/ul	0.03
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.904	200	1056947	122.586	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	3.934	79	2264365	154.905	ng/ul	93
6) Benzaldehyde	7.281	77	951757m	98.224	ng/ul	
8) Phenol	7.334	94	3056494	151.143	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.575	93	2398195	147.572	ng/ul	96
13) 2-Methylphenol	8.593	108	2314035	153.438	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.693	45	2933130	137.466	ng/ul	97
16) Acetophenone	8.999	105	3313046	127.592	ng/ul	95
18) 4-Methylphenol	8.946	108	2502832	151.112	ng/ul	97
32) 4-Chloroaniline	11.151	127	3105561	156.260	ng/ul	100
34) Caprolactam	11.951	113	686615m	158.535	ng/ul	
40) Hexachlorocyclopentadiene	12.975	237	1764731	140.738	ng/ul	99
51) 3-Nitroaniline	14.698	138	1176053	152.612	ng/ul#	95
53) 2,4-Dinitrophenol	14.898	184	705404	126.637	ng/ul	88
55) 4-Nitrophenol	14.998	109	887230	135.139	ng/ul	89
63) 4-Nitroaniline	15.869	138	1053373	168.238	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.922	198	1054456	126.196	ng/ul#	84
70) Atrazine	17.004	200	1837232	138.433	ng/ul	99
71) Pentachlorophenol	17.186	266	1438401	148.245	ng/ul	99
77) Carbazole	17.945	167	8193679	149.020	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.527	252	3304025	146.783	ng/ul	99
89) Di-n-octyl phthalate	22.504	149	11120162	144.111	ng/ul	100

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

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