Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111423\
Data File : BN028592.D
Acq On : 13 Nov 2023 22:56
Operator : MA/JU
Sample : SSTD16001
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160223

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/16/2023
Supervised By :mohammad ahmed 11/16/2023

Quant Time: Nov 14 04:48:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN111423.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 04:07:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	264770	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	1272965	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	762485	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	1546189	20.000	ng/ul	0.00
79) Chrysene-d12	21.316	240	1067760	20.000	ng/ul	0.00
88) Perylene-d12	23.621	264	1096497	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	3.558	84	2875393	156.084	ng/ul	0.00
7) Phenol-d5	6.899	99	4169752	165.374	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.052	67	2363933	156.738	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.446	113	3509961	172.129	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	10.651	131	4734244	141.358	ng/ul	0.00
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	14.610	143	1600256	155.548	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.498	200	1676539	236.798	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	3.575	79	2884684	153.671	ng/ul	98
6) Benzaldehyde	6.846	77	1210983	97.734	ng/ul	99
8) Phenol	6.928	94	4143999	166.470	ng/ul	100
10) Bis(2-Chloroethyl)ether	7.146	93	3195157	154.947	ng/ul	100
13) 2-Methylphenol	8.163	108	3212735	161.836	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.240	45	4604589	146.460	ng/ul	99
16) Acetophenone	8.540	105	4869375	150.374	ng/ul	97
18) 4-Methylphenol	8.516	108	3390418	159.958	ng/ul	93
32) 4-Chloroaniline	10.675	127	4406090	138.436	ng/ul	99
34) Caprolactam	11.522	113	1065646m	148.475	ng/ul	
40) Hexachlorocyclopentadiene	12.516	237	2395999	171.724	ng/ul	99
51) 3-Nitroaniline	14.287	138	2071728	161.875	ng/ul	97
53) 2,4-Dinitrophenol	14.486	184	1087899	283.758	ng/ul#	65
55) 4-Nitrophenol	14.628	109	1137355	161.242	ng/ul	89
63) 4-Nitroaniline	15.469	138	1647301	127.234	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.510	198	1731714	221.021	ng/ul#	89
70) Atrazine	16.592	200	2305086	138.968	ng/ul	97
71) Pentachlorophenol	16.757	266	2042620	176.135	ng/ul	94
77) Carbazole	17.516	167	11645345	141.363	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.239	252	3322616	129.367	ng/ul#	98
89) Di-n-octyl phthalate	22.145	149	12717121	153.551	ng/ul	100

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