Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121523\
Data File : BM043358.D
Acq On : 15 Dec 2023 15:16
Operator : MA/JU
Sample : SSTD16080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD160046

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/16/2023
Supervised By :mohammad ahmed 12/16/2023

Quant Time: Dec 15 22:02:05 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 15:15:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	475686	20.000	ng/ul	0.00
20) Naphthalene-d8	10.810	136	2193386	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.627	164	1154678	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	1891489	20.000	ng/ul	0.01
79) Chrysene-d12	21.550	240	1327112	20.000	ng/ul	0.01
88) Perylene-d12	23.968	264	1264978	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	3.804	84	6699566	158.804	ng/ul	0.00
7) Phenol-d5	7.175	99	8823793	163.846	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.345	67	5286446	152.882	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.734	113	6630289	157.380	ng/ul	0.03
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	8223954	140.986	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	14.868	143	2937472	146.858	ng/ul	0.05
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.768	200	2334847	194.751	ng/ul	0.04
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	3.822	79	6796451	155.049	ng/ul	94
6) Benzaldehyde	7.140	77	2716204	97.606	ng/ul	97
8) Phenol	7.210	94	8534594	160.392	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.440	93	6611014	151.299	ng/ul	98
13) 2-Methylphenol	8.451	108	6479776	160.369	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	11027883	150.059	ng/ul	99
16) Acetophenone	8.851	105	9497368	144.949	ng/ul	97
18) 4-Methylphenol	8.810	108	6854418	155.591	ng/ul	99
32) 4-Chloroaniline	10.992	127	7709907	136.697	ng/ul	98
34) Caprolactam	11.845	113	1768871m	142.162	ng/ul	
40) Hexachlorocyclopentadiene	12.798	237	4158148	197.105	ng/ul	97
51) 3-Nitroaniline	14.568	138	3379951	145.702	ng/ul	97
53) 2,4-Dinitrophenol	14.768	184	1945785	191.406	ng/ul	95
55) 4-Nitrophenol	14.886	109	2198765	140.407	ng/ul	99
63) 4-Nitroaniline	15.745	138	2694659m	127.777	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.786	198	2416995	187.098	ng/ul#	87
70) Atrazine	16.851	200	1988297	118.355	ng/ul	99
71) Pentachlorophenol	17.021	266	2824606	188.465	ng/ul	99
77) Carbazole	17.780	167	15256029	133.601	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.468	252	4963033	149.933	ng/ul#	97
89) Di-n-octyl phthalate	22.403	149	15757578m	124.429	ng/ul	

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