Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112322\
Data File : BM037687.D
Acq On : 23 Nov 2022 22:53
Operator : CG/JU
Sample : SSTD16095
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 24 00:44:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 24 00:36:57 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160045

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/25/2022
Supervised By :mohammad ahmed 11/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	206635	20.000	ng/ul	0.00
20) Naphthalene-d8	10.945	136	982777	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.745	164	622956	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.480	188	1284009	20.000	ng/ul	0.00
79) Chrysene-d12	21.650	240	1373460	20.000	ng/ul	# 0.01
88) Perylene-d12	24.144	264	1209282	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	3.869	84	2521632	180.208	ng/ul	0.00
7) Phenol-d5	7.275	99	3261917	181.389	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.445	67	1994795	180.768	ng/ul	0.01
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.839	113	2527537	172.121	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	11.086	131	3489818	154.897	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	14.957	143	1472788	171.064	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.863	200	1311004	161.203	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	3.893	79	2525235	180.175	ng/ul	96
6) Benzaldehyde	7.245	77	995220	119.627	ng/ul	99
8) Phenol	7.310	94	3392315	179.291	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.540	93	2521648	166.125	ng/ul	99
13) 2-Methylphenol	8.569	108	2534563	175.581	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.657	45	4412088	204.652	ng/ul	99
16) Acetophenone	8.963	105	3833515	162.779	ng/ul	99
18) 4-Methylphenol	8.916	108	2761866	173.689	ng/ul	97
32) 4-Chloroaniline	11.110	127	3504712	150.121	ng/ul	99
34) Caprolactam	11.945	113	906569m	181.580	ng/ul	
40) Hexachlorocyclopentadiene	12.933	237	1842627	176.286	ng/ul	97
51) 3-Nitroaniline	14.663	138	1615020	166.596	ng/ul	91
53) 2,4-Dinitrophenol	14.863	184	1052156	174.415	ng/ul	90
55) 4-Nitrophenol	14.974	109	1344830	212.418	ng/ul	86
63) 4-Nitroaniline	15.833	138	1336532	148.290	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.880	198	1327049	153.603	ng/ul#	91
70) Atrazine	16.951	200	2183121	162.016	ng/ul	97
71) Pentachlorophenol	17.133	266	1603531	157.182	ng/ul	99
77) Carbazole	17.892	167	10698162	164.163	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.562	252	4194405	131.770	ng/ul#	97
89) Di-n-octyl phthalate	22.492	149	14441734	164.144	ng/ul	100

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