Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092724\
Data File : BM047684.D
Acq On : 27 Sep 2024 21:34
Operator : RC/JU
Sample : SSTD16041
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 28 02:23:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 28 01:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/01/2024
Supervised By :mohammad ahmed 10/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	208913	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	865273	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.451	164	515976	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	1041360	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	951014	20.000	ng/ul	0.01
88) Perylene-d12	24.432	264	1082358	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.675	84	2915317	176.156	ng/ul	0.00
7) Phenol-d5	6.992	99	3412378	174.254	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.151	67	2181838	178.995	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.533	113	2517345	163.543	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	10.751	131	3274227	155.858	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	14.668	143	1317241	175.300	ng/ul	0.04
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.568	200	1127591	204.825	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	3.693	79	3007272	175.990	ng/ul	97
6) Benzaldehyde	6.957	77	1257615	121.332	ng/ul	98
8) Phenol	7.022	94	3561779	176.679	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.245	93	2674211	167.749	ng/ul	97
13) 2-Methylphenol	8.263	108	2531431	166.816	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.339	45	4745192	203.111	ng/ul	99
16) Acetophenone	8.651	105	3990614	161.103	ng/ul	95
18) 4-Methylphenol	8.610	108	2755665	166.319	ng/ul	100
32) 4-Chloroaniline	10.775	127	3179467	153.837	ng/ul	100
34) Caprolactam	11.598	113	776718m	154.963	ng/ul	
40) Hexachlorocyclopentadiene	12.633	237	1648823	156.567	ng/ul	99
51) 3-Nitroaniline	14.363	138	1401776	170.801	ng/ul	92
53) 2,4-Dinitrophenol	14.563	184	881908	228.002	ng/ul	86
55) 4-Nitrophenol	14.680	109	1039686	164.349	ng/ul	97
63) 4-Nitroaniline	15.533	138	1154540	142.164	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.586	198	1202093	193.179	ng/ul#	92
70) Atrazine	16.662	200	1530212	134.557	ng/ul	98
71) Pentachlorophenol	16.845	266	1431498	184.778	ng/ul	100
77) Carbazole	17.592	167	8562868	155.693	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.321	252	3148839	140.043	ng/ul	100
89) Di-n-octyl phthalate	22.462	149	12606260	145.793	ng/ul	100

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