Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110724\
Data File : BM048517.D
Acq On : 07 Nov 2024 18:37
Operator : RC/JU
Sample : SSTD16059
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 07 22:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM110724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 07 22:15:00 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD160046

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	147626	20.000	ng/ul	0.00
20) Naphthalene-d8	10.457	136	611909	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.316	164	369757	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.062	188	760432	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	643324	20.000	ng/ul	0.00
88) Perylene-d12	24.197	264	780993	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.540	84	1599621	147.175	ng/ul	0.00
7) Phenol-d5	6.857	99	1817537	143.309	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.010	67	1057032	134.544	ng/ul	0.00
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	8.398	113	1452028	142.601	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	10.604	131	2000330	145.255	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	14.557	143	784830	155.312	ng/ul	0.02
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	15.457	200	693472	137.993	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	3.563	79	1631950	146.507	ng/ul	96
6) Benzaldehyde	6.816	77	566333	90.226	ng/ul	95
8) Phenol	6.887	94	1875998	142.031	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.104	93	1464692	138.804	ng/ul	97
13) 2-Methylphenol	8.122	108	1416537	142.561	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.192	45	2036059	126.245	ng/ul	98
16) Acetophenone	8.498	105	2109458	131.534	ng/ul	99
18) 4-Methylphenol	8.469	108	1529317	139.453	ng/ul	97
32) 4-Chloroaniline	10.628	127	1873690	140.422	ng/ul	100
34) Caprolactam	11.451	113	496117m	153.286	ng/ul	
40) Hexachlorocyclopentadiene	12.475	237	950309	135.614	ng/ul	100
51) 3-Nitroaniline	14.239	138	818767	144.350	ng/ul	96
53) 2,4-Dinitrophenol	14.451	184	559425	152.642	ng/ul	91
55) 4-Nitrophenol	14.574	109	561672	152.263	ng/ul	95
63) 4-Nitroaniline	15.416	138	742641m	144.598	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.474	198	726634	134.877	ng/ul#	90
70) Atrazine	16.545	200	1112412	143.105	ng/ul	98
71) Pentachlorophenol	16.721	266	902131	143.631	ng/ul	98
77) Carbazole	17.474	167	4973184	134.389	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.197	252	1542706	109.904	ng/ul	98
89) Di-n-octyl phthalate	22.297	149	7521733	128.735	ng/ul	100

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