Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049559.D
Acq On : 31 Jan 2025 15:57
Operator : RC/JU
Sample : Q1190-03DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Quant Time: Feb 03 10:05:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A44S4DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay
02/03/2025
Supervised By :mohammad ahmed
02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	238189	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	940208	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	639979	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1309414	20.000	ng/ul	0.00
79) Chrysene-d12	21.150	240	1298074	20.000	ng/ul	0.02
88) Perylene-d12	23.939	264	1417785	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	2844	0.442	ng/uL	0.00
4) Pyridine-d5	3.522	84	11148	0.590	ng/ul	0.01
7) Phenol-d5	6.728	99	63494	3.285	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	37006	2.800	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	53360	3.568	ng/ul	0.01
15) 4-Methylphenol-d8	8.245	113	46731	3.300	ng/ul	0.02
21) Nitrobenzene-d5	8.657	128	23770	3.305	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	24483	3.121	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	55571	3.471	ng/ul	0.02
31) 4-Chloroaniline-d4	10.434	131	23649m	1.152	ng/ul	0.01
46) Dimethylphthalate-d6	13.580	166	168293	3.586	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	165916	3.009	ng/ul	0.00
54) 4-Nitrophenol-d4	14.445	143	17523m	2.276	ng/ul	0.06
60) Fluorene-d10	15.157	176	120566	2.922	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.010	188	184534	2.822	ng/ul	0.00
81) Pyrene-d10	19.321	212	182469	2.405	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.750	264	113039	1.495	ng/ul	0.02
Target Compounds						Qvalue
8) Phenol	6.757	94	23147	1.141	ng/ul	94
16) Acetophenone	8.328	105	102641	4.359	ng/ul	97
30) Naphthalene	10.322	128	352008	7.032	ng/ul	99
36) 2-Methylnaphthalene	11.945	142	99321	2.909	ng/ul	98
37) 1-Methylnaphthalene	12.169	142	59233	1.760	ng/ul	99
52) Acenaphthene	14.222	153	371110	9.177	ng/ul	100
56) Dibenzofuran	14.557	168	337501	5.853	ng/ul	99
61) Fluorene	15.210	166	436208	9.362	ng/ul	98
72) Phenanthrene	16.957	178	4996025	67.781	ng/ul	100
74) Anthracene	17.045	178	1284016	17.295	ng/ul	100
77) Carbazole	17.321	167	555986	8.379	ng/ul	100
80) Fluoranthene	18.986	202	6814633	78.626	ng/ul	99
82) Pyrene	19.351	202	4689448	50.286	ng/ul	99
85) Benzo(a)anthracene	21.133	228	2942653	32.271	ng/ul	98
87) Chrysene	21.192	228	2492694	29.436	ng/ul	97
90) Benzo(b)fluoranthene	23.074	252	3237716	35.231	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	1105033	11.900	ng/ul	98
93) Benzo(a)pyrene	23.809	252	1404559	16.293	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.044	276	1141141	10.679	ng/ul	99
95) Dibenzo(a,h)anthracene	27.074	278	403950	4.665	ng/ul#	92
96) Benzo(g,h,i)perylene	27.997	276	122366	1.506	ng/ul#	90

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