Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049557.D
Acq On : 31 Jan 2025 14:38
Operator : RC/JU
Sample : Q1190-02 10X
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Feb 03 08:20:48 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 :
A44S3

Manual Integrations APPROVED

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

ahmed 02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	217828	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	855684	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	578155	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1181308	20.000	ng/ul	0.00
79) Chrysene-d12	21.151	240	1151728	20.000	ng/ul	0.02
88) Perylene-d12	23.944	264	1259201	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.116	96	1136m	0.193	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.728	99	20484m	1.159	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	12203m	1.010	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	16919	1.237	ng/ul	0.00
15) 4-Methylphenol-d8	8.245	113	13817m	1.067	ng/ul	0.02
21) Nitrobenzene-d5	8.663	128	7014	1.071	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	7548m	1.057	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	17192m	1.180	ng/ul	0.02
31) 4-Chloroaniline-d4	10.445	131	3531m	0.189	ng/ul	0.02
46) Dimethylphthalate-d6	13.575	166	56314	1.328	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	55581	1.116	ng/ul	0.00
54) 4-Nitrophenol-d4	14.457	143	5447m	0.783	ng/ul	0.08
60) Fluorene-d10	15.157	176	41322	1.108	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.310	200	764m	0.103	ng/ul	0.03
73) Anthracene-d10	17.010	188	70183	1.190	ng/ul	0.00
81) Pyrene-d10	19.321	212	66049	0.981	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.750	264	39431	0.587	ng/ul	0.02
Target Compounds						Qvalue
16) Acetophenone	8.334	105	44466	2.065	ng/ul	97
30) Naphthalene	10.322	128	110597	2.428	ng/ul	97
36) 2-Methylnaphthalene	11.945	142	46096	1.484	ng/ul	99
37) 1-Methylnaphthalene	12.169	142	41511	1.355	ng/ul	100
50) Acenaphthylene	13.874	152	138140	2.700	ng/ul	97
52) Acenaphthene	14.216	153	255718	7.000	ng/ul	99
56) Dibenzofuran	14.557	168	202329	3.884	ng/ul	98
61) Fluorene	15.210	166	311448	7.399	ng/ul	96
72) Phenanthrene	16.957	178	4999778	75.188	ng/ul	100
74) Anthracene	17.045	178	1491292	22.265	ng/ul	100
77) Carbazole	17.321	167	425915	7.115	ng/ul	99
80) Fluoranthene	18.986	202	10328954	134.317	ng/ul	98
82) Pyrene	19.351	202	7812100	94.415	ng/ul	99
85) Benzo(a)anthracene	21.133	228	5116859	63.246	ng/ul	98
87) Chrysene	21.192	228	4385074	58.363	ng/ul	97
90) Benzo(b)fluoranthene	23.080	252	5440370	66.655	ng/ul	98
91) Benzo(k)fluoranthene	23.127	252	2099936m	25.461	ng/ul	
93) Benzo(a)pyrene	23.815	252	2344914	30.626	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.044	276	1932031	20.358	ng/ul	98
95) Dibenzo(a,h)anthracene	27.080	278	700479	9.109	ng/ul#	92
96) Benzo(g,h,i)perylene	28.003	276	211258	2.928	ng/ul	92

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