Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049561.D
Acq On : 31 Jan 2025 17:15
Operator : RC/JU
Sample : Q1190-02DL 30X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Quant Time: Feb 03 08:53:48 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 :
A44S3DL

Manual Integrations APPROVED

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

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02/04/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.522	152	192194	20.000	ng/ul	0.01
20) Naphthalene-d8	10.286	136	750623	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.169	164	511024	20.000	ng/ul	0.02
64) Phenanthrene-d10	16.927	188	1040975	20.000	ng/ul	0.02
79) Chrysene-d12	21.168	240	1027247	20.000	ng/ul	0.04
88) Perylene-d12	23.968	264	1126458	20.000	ng/ul	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	280	0.054	ng/uL	0.02
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.751	99	5853m	0.375	ng/ul	0.04
9) Bis-(2-Chloroethyl)eth...	6.869	67	3569	0.335	ng/ul	0.00
11) 2-Chlorophenol-d4	7.075	132	5778m	0.479	ng/ul	0.02
15) 4-Methylphenol-d8	8.269	113	4433m	0.388	ng/ul	0.04
21) Nitrobenzene-d5	8.681	128	3253m	0.566	ng/ul	0.02
24) 2-Nitrophenol-d4	9.386	143	2312m	0.369	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	9.951	165	6899m	0.540	ng/ul	0.05
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	13.592	166	19529	0.521	ng/ul	0.02
49) Acenaphthylene-d8	13.857	160	19780	0.449	ng/ul	0.02
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.168	176	14677	0.445	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.021	188	27742	0.534	ng/ul	0.02
81) Pyrene-d10	19.333	212	23712	0.395	ng/ul	0.02
92) Benzo(a)pyrene-d12	23.780	264	14236	0.237	ng/ul	0.05
Target Compounds						Qvalue
50) Acenaphthylene	13.886	152	49670	1.098	ng/ul#	96
52) Acenaphthene	14.233	153	87797	2.719	ng/ul	99
56) Dibenzofuran	14.574	168	68123	1.480	ng/ul	98
61) Fluorene	15.227	166	106569	2.864	ng/ul	99
72) Phenanthrene	16.968	178	1681668	28.699	ng/ul	100
74) Anthracene	17.057	178	510121	8.643	ng/ul	99
77) Carbazole	17.339	167	142844	2.708	ng/ul	97
80) Fluoranthene	18.998	202	3724861	54.307	ng/ul	100
82) Pyrene	19.362	202	2687920	36.422	ng/ul	100
85) Benzo(a)anthracene	21.150	228	1752882	24.292	ng/ul	97
87) Chrysene	21.209	228	1463446	21.838	ng/ul	97
90) Benzo(b)fluoranthene	23.097	252	1923031	26.337	ng/ul#	96
91) Benzo(k)fluoranthene	23.150	252	658099m	8.920	ng/ul	
93) Benzo(a)pyrene	23.839	252	795557	11.615	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	27.091	276	653730	7.700	ng/ul	95
95) Dibenzo(a,h)anthracene	27.121	278	240520	3.496	ng/ul#	76
96) Benzo(g,h,i)perylene	28.056	276	71511	1.108	ng/ul#	56

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

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