Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049560.D
Acq On : 31 Jan 2025 16:36
Operator : RC/JU
Sample : Q1190-08
Misc :
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Feb 03 08:47:11 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 :
A44S7

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	311749	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	1150780	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	684973	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1273490	20.000	ng/ul	0.00
79) Chrysene-d12	21.162	240	1041349	20.000	ng/ul	0.03
88) Perylene-d12	24.003	264	1122952m	20.000	ng/ul	0.09
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	17791	2.114	ng/uL	-0.01
4) Pyridine-d5	3.516	84	27113	1.097	ng/ul	0.00
7) Phenol-d5	6.728	99	392631	15.520	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.863	67	239034	13.818	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	328860	16.799	ng/ul	0.00
15) 4-Methylphenol-d8	8.239	113	291117	15.707	ng/ul	0.01
21) Nitrobenzene-d5	8.657	128	149980	17.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	167709	17.464	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	308492	15.742	ng/ul	0.02
31) 4-Chloroaniline-d4	10.445	131	7465m	0.297	ng/ul	0.02
46) Dimethylphthalate-d6	13.574	166	850449	16.933	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	933712	15.823	ng/ul	0.00
54) 4-Nitrophenol-d4	14.433	143	81776	9.926	ng/ul	0.05
60) Fluorene-d10	15.157	176	669895	15.168	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	25452	3.172	ng/ul	0.02
73) Anthracene-d10	17.009	188	977049	15.364	ng/ul	0.00
81) Pyrene-d10	19.321	212	857345	14.083	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.803	264	587977m	9.817	ng/ul	0.08
Target Compounds						Qvalue
8) Phenol	6.757	94	45333	1.707	ng/ul	98
16) Acetophenone	8.328	105	88595	2.874	ng/ul	98
50) Acenaphthylene	13.874	152	62867	1.037	ng/ul	94
72) Phenanthrene	16.957	178	101271	1.413	ng/ul#	85
74) Anthracene	17.045	178	88000	1.219	ng/ul#	83
80) Fluoranthene	18.986	202	435191	6.259	ng/ul	99
82) Pyrene	19.351	202	471894	6.308	ng/ul	99
85) Benzo(a)anthracene	21.145	228	300393	4.106	ng/ul#	54
87) Chrysene	21.203	228	403432m	5.939	ng/ul	
90) Benzo(b)fluoranthene	23.109	252	467488m	6.423	ng/ul	
91) Benzo(k)fluoranthene	23.156	252	168203m	2.287	ng/ul	
93) Benzo(a)pyrene	23.862	252	353075m	5.171	ng/ul	
94) Indeno(1,2,3-cd)pyrene	27.174	276	332940m	3.934	ng/ul	
95) Dibenzo(a,h)anthracene	27.203	278	129153m	1.883	ng/ul	
96) Benzo(g,h,i)perylene	28.173	276	105433m	1.638	ng/ul	

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

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