Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049535.D
Acq On : 30 Jan 2025 20:29
Operator : RC/JU
Sample : Q1189-02DL 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q5DL

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 10:08:05 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	239243	20.000	ng/ul	0.00
20) Naphthalene-d8	10.269	136	905831	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.151	164	597420	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1264863	20.000	ng/ul	0.00
79) Chrysene-d12	21.145	240	1373153	20.000	ng/ul	0.01
88) Perylene-d12	23.927	264	1483282	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	5923	0.917	ng/uL	-0.01
4) Pyridine-d5	3.516	84	32257	1.700	ng/ul	0.00
7) Phenol-d5	6.728	99	114539	5.900	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	71104	5.356	ng/ul	0.00
11) 2-Chlorophenol-d4	7.057	132	94188	6.270	ng/ul	0.00
15) 4-Methylphenol-d8	8.245	113	77338	5.437	ng/ul	0.02
21) Nitrobenzene-d5	8.657	128	41830	6.036	ng/ul	0.00
24) 2-Nitrophenol-d4	9.369	143	46308	6.126	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	91038	5.902	ng/ul	0.02
31) 4-Chloroaniline-d4	10.428	131	44656m	2.257	ng/ul	0.00
46) Dimethylphthalate-d6	13.574	166	280157	6.396	ng/ul	0.00
49) Acenaphthylene-d8	13.839	160	265510	5.159	ng/ul	0.00
54) 4-Nitrophenol-d4	14.439	143	34266m	4.769	ng/ul	0.06
60) Fluorene-d10	15.157	176	197836	5.136	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.004	188	323884	5.128	ng/ul	0.00
81) Pyrene-d10	19.315	212	333314	4.152	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.739	264	207537	2.623	ng/ul	0.01
Target Compounds						Qvalue
8) Phenol	6.757	94	26597m	1.305	ng/ul	
16) Acetophenone	8.328	105	100131	4.233	ng/ul	95
50) Acenaphthylene	13.874	152	141564	2.677	ng/ul	98
52) Acenaphthene	14.216	153	40129	1.063	ng/ul	92
61) Fluorene	15.210	166	60190	1.384	ng/ul#	98
71) Pentachlorophenol	16.574	266	24390	2.322	ng/ul	95
72) Phenanthrene	16.951	178	2191937	30.786	ng/ul	100
74) Anthracene	17.039	178	257012	3.584	ng/ul	99
77) Carbazole	17.321	167	222111	3.465	ng/ul	100
80) Fluoranthene	18.980	202	4759254	51.909	ng/ul	99
82) Pyrene	19.345	202	3313441	33.588	ng/ul	100
85) Benzo(a)anthracene	21.127	228	1628641	16.884	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.074	149	77848	1.595	ng/ul#	97
87) Chrysene	21.186	228	2095156	23.389	ng/ul	97
90) Benzo(b)fluoranthene	23.062	252	2725045	28.343	ng/ul	98
91) Benzo(k)fluoranthene	23.115	252	925143	9.523	ng/ul	98
93) Benzo(a)pyrene	23.797	252	938014	10.400	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.015	276	941622	8.423	ng/ul	98
95) Dibenzo(a,h)anthracene	27.050	278	316624m	3.495	ng/ul	
96) Benzo(g,h,i)perylene	27.974	276	117661	1.384	ng/ul	94

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

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