Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049529.D
Acq On : 30 Jan 2025 16:23
Operator : RC/JU
Sample : Q1189-13DL2 30X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4DL2

Quant Time: Jan 30 17:24:36 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	320862	20.000	ng/ul	0.00
20) Naphthalene-d8	10.275	136	1173189	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.157	164	750683	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.910	188	1453744	20.000	ng/ul	0.00
79) Chrysene-d12	21.150	240	1392420	20.000	ng/ul	0.02
88) Perylene-d12	23.939	264	1519606	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	6.740	99	13011	0.500	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	6.863	67	7642	0.429	ng/ul	0.00
11) 2-Chlorophenol-d4	7.063	132	11362	0.564	ng/ul	0.01
15) 4-Methylphenol-d8	8.251	113	9356	0.490	ng/ul	0.02
21) Nitrobenzene-d5	8.663	128	4523	0.504	ng/ul	0.00
24) 2-Nitrophenol-d4	9.375	143	4951	0.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.928	165	10499	0.526	ng/ul	0.02
31) 4-Chloroaniline-d4	10.439	131	2781	0.109	ng/ul	0.02
46) Dimethylphthalate-d6	13.580	166	31221	0.567	ng/ul	0.00
49) Acenaphthylene-d8	13.845	160	35788	0.553	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.157	176	27935	0.577	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.010	188	49785	0.686	ng/ul	0.00
81) Pyrene-d10	19.315	212	46163	0.567	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.744	264	34004	0.420	ng/ul	0.02
Target Compounds						Qvalue
50) Acenaphthylene	13.874	152	400406	6.027	ng/ul	99
72) Phenanthrene	16.951	178	287095	3.508	ng/ul	100
74) Anthracene	17.039	178	417848	5.069	ng/ul	100
80) Fluoranthene	18.980	202	3056958	32.881	ng/ul	99
82) Pyrene	19.345	202	3344300	33.432	ng/ul	99
85) Benzo(a)anthracene	21.133	228	1964444	20.084	ng/ul	94
87) Chrysene	21.192	228	1989722	21.905	ng/ul	98
90) Benzo(b)fluoranthene	23.068	252	3226079	32.753	ng/ul	99
91) Benzo(k)fluoranthene	23.121	252	944799	9.492	ng/ul	97
93) Benzo(a)pyrene	23.809	252	1384360	14.982	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.038	276	1260430	11.005	ng/ul	98
95) Dibenzo(a,h)anthracene	27.068	278	461170	4.969	ng/ul#	92
96) Benzo(g,h,i)perylene	27.991	276	155988	1.791	ng/ul#	90

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

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