Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
Data File : BP023847.D
Acq On : 01 Feb 2025 06:19
Operator : RC/JU
Sample : Q1224-11
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A6309

Quant Time: Feb 03 08:13:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 31 11:40:55 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	478525	20.000	ng/ul	0.02
20) Naphthalene-d8	10.551	136	2099072	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.404	164	1359311	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.198	188	2708643	20.000	ng/ul	-0.01
79) Chrysene-d12	21.633	240	2597327	20.000	ng/ul	-0.01
88) Perylene-d12	25.010	264	2806763	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	27946	2.426	ng/uL	0.00
4) Pyridine-d5	3.717	84	95064	2.860	ng/ul	0.02
7) Phenol-d5	6.969	99	553738	13.076	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.110	67	314617	14.036	ng/ul	0.01
11) 2-Chlorophenol-d4	7.322	132	465064	13.985	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	325331	9.404	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	228549	13.609	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	238718	13.174	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.181	165	425013	12.785	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	395523	7.956	ng/ul	0.01
46) Dimethylphthalate-d6	13.810	166	1324147	13.060	ng/ul	0.00
49) Acenaphthylene-d8	14.098	160	1277337	11.170	ng/ul	0.00
54) 4-Nitrophenol-d4	14.634	143	132839	6.597	ng/ul	0.01
60) Fluorene-d10	15.410	176	891358	10.439	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	93464	5.593	ng/ul	0.00
73) Anthracene-d10	17.298	188	1295991	9.745	ng/ul	-0.02
81) Pyrene-d10	19.663	212	1274079	9.155	ng/ul	-0.02
92) Benzo(a)pyrene-d12	24.774	264	863239	5.895	ng/ul	-0.01
Target Compounds						Qvalue
72) Phenanthrene	17.245	178	1035191	6.768	ng/ul	100
80) Fluoranthene	19.316	202	2734116	17.056	ng/ul	99
82) Pyrene	19.686	202	1911357	11.402	ng/ul	98
85) Benzo(a)anthracene	21.616	228	899690	5.268	ng/ul	98
87) Chrysene	21.680	228	1108967	7.047	ng/ul	97
90) Benzo(b)fluoranthene	23.939	252	1539747	9.041	ng/ul	98
91) Benzo(k)fluoranthene	24.010	252	468931	2.747	ng/ul	98
93) Benzo(a)pyrene	24.839	252	574230	3.610	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.833	276	561271	2.723	ng/ul	99

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

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