Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023777.D
Acq On : 28 Jan 2025 17:43
Operator : RC/JU
Sample : Q1189-05
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q8

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/29/2025
Supervised By :mohammad ahmed 01/31/2025

Quant Time: Jan 29 08:45:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012225.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 27 21:53:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	610103	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	2594998	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1621009	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.222	188	3107765	20.000	ng/ul	0.00
79) Chrysene-d12	21.674	240	3005223	20.000	ng/ul	0.00
88) Perylene-d12	25.080	264	3463524	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	36995	2.442	ng/uL	0.00
4) Pyridine-d5	3.722	84	118342	2.707	ng/ul	0.02
7) Phenol-d5	6.981	99	858700	16.634	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	423904	14.537	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	696374	17.744	ng/ul	0.00
15) 4-Methylphenol-d8	8.499	113	659963	16.257	ng/ul	0.02
21) Nitrobenzene-d5	8.934	128	318910	16.311	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	333965	18.632	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	686654	18.225	ng/ul	0.02
31) 4-Chloroaniline-d4	10.704	131	340108	5.645	ng/ul	0.01
46) Dimethylphthalate-d6	13.816	166	1889933	16.212	ng/ul	0.00
49) Acenaphthylene-d8	14.104	160	2191074	16.239	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	262527	11.207	ng/ul	0.06
60) Fluorene-d10	15.422	176	1643050	16.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	116983	7.644	ng/ul	0.01
73) Anthracene-d10	17.322	188	2579179	17.287	ng/ul	0.00
81) Pyrene-d10	19.698	212	2372932	15.518	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.839	264	1758106	10.141	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.005	94	145164	2.687	ng/ul	99
16) Acetophenone	8.599	105	518652	7.955	ng/ul	98
72) Phenanthrene	17.257	178	374021	2.130	ng/ul	100
80) Fluoranthene	19.345	202	919936	5.291	ng/ul	99
82) Pyrene	19.727	202	671516	3.556	ng/ul	97
85) Benzo(a)anthracene	21.651	228	362539m	1.903	ng/ul	
87) Chrysene	21.721	228	535056	3.000	ng/ul	96
90) Benzo(b)fluoranthene	23.992	252	705851	3.431	ng/ul#	86
91) Benzo(k)fluoranthene	24.062	252	246545m	1.162	ng/ul	
93) Benzo(a)pyrene	24.910	252	224292	1.158	ng/ul#	75
94) Indeno(1,2,3-cd)pyrene	28.956	276	287414	1.194	ng/ul#	87

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

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