Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012725\
Data File : BP023778.D
Acq On : 28 Jan 2025 18:24
Operator : RC/JU
Sample : Q1189-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44Q3

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

Quant Time: Jan 29 08:48:42 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	7.787	152	449202	20.000	ng/ul	0.00
20) Naphthalene-d8	10.569	136	1935117	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	1264987	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.216	188	2539582	20.000	ng/ul	0.00
79) Chrysene-d12	21.668	240	2618589	20.000	ng/ul	0.00
88) Perylene-d12	25.080	264	2947855	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	38114	3.417	ng/uL	0.00
4) Pyridine-d5	3.728	84	15216m	0.473	ng/ul	0.02
7) Phenol-d5	6.981	99	812610	21.379	ng/ul	0.03
9) Bis-(2-Chloroethyl)eth...	7.122	67	416594	19.404	ng/ul	0.00
11) 2-Chlorophenol-d4	7.334	132	655483	22.684	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	629502	21.061	ng/ul	0.02
21) Nitrobenzene-d5	8.934	128	313858	21.527	ng/ul	0.00
24) 2-Nitrophenol-d4	9.651	143	326799	24.449	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	658564	23.440	ng/ul	0.02
31) 4-Chloroaniline-d4	10.698	131	576690	12.835	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	2093129	23.008	ng/ul	0.00
49) Acenaphthylene-d8	14.110	160	2269748	21.557	ng/ul	0.00
54) 4-Nitrophenol-d4	14.651	143	340941	18.651	ng/ul	0.06
60) Fluorene-d10	15.427	176	1700184	21.832	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	160722	12.851	ng/ul	0.02
73) Anthracene-d10	17.321	188	2669647	21.896	ng/ul	0.00
81) Pyrene-d10	19.692	212	2686550	20.162	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.839	264	2012598	13.640	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	7.004	94	87722	2.206	ng/ul	97
16) Acetophenone	8.604	105	301702	6.285	ng/ul	99
50) Acenaphthylene	14.133	152	138529	1.213	ng/ul	99
72) Phenanthrene	17.263	178	746174	5.200	ng/ul	99
80) Fluoranthene	19.345	202	1929174	12.733	ng/ul	100
82) Pyrene	19.721	202	1382846	8.404	ng/ul	96
85) Benzo(a)anthracene	21.651	228	742173	4.471	ng/ul	94
87) Chrysene	21.715	228	999014	6.428	ng/ul	97
90) Benzo(b)fluoranthene	24.003	252	1333595	7.615	ng/ul#	96
91) Benzo(k)fluoranthene	24.068	252	541886m	3.002	ng/ul	
93) Benzo(a)pyrene	24.909	252	518629	3.147	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	28.944	276	498722	2.435	ng/ul	97

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

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