Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023887.D
Acq On : 03 Feb 2025 19:56
Operator : RC/JU
Sample : Q1190-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Feb 04 07:47:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 11:19:36 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
A44T3

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/04/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	445555	20.000	ng/ul	0.00
20) Naphthalene-d8	10.545	136	1934755	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.392	164	1209566	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	2342684	20.000	ng/ul	0.02
79) Chrysene-d12	21.645	240	2295314	20.000	ng/ul	0.00
88) Perylene-d12	25.021	264	2502340	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	46136	4.302	ng/uL	0.00
4) Pyridine-d5	3.705	84	616236	19.915	ng/ul	0.00
7) Phenol-d5	6.957	99	841072	21.331	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	490877	23.520	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	692918	22.378	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	513400	15.939	ng/ul	0.00
21) Nitrobenzene-d5	8.916	128	345996	22.352	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	358974	21.492	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	655104	21.380	ng/ul	0.00
31) 4-Chloroaniline-d4	10.681	131	451949	9.863	ng/ul	0.00
46) Dimethylphthalate-d6	13.798	166	1895065	21.004	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	2179915	21.423	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	273006	15.237	ng/ul	0.00
60) Fluorene-d10	15.398	176	1568908	20.650	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.522	200	155358	10.750	ng/ul	0.01
73) Anthracene-d10	17.298	188	2130113	18.519	ng/ul	0.01
81) Pyrene-d10	19.674	212	2325794	18.911	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.768	264	1542822	11.817	ng/ul	0.00
Target Compounds						Qvalue
8) Phenol	6.987	94	57278	1.415	ng/ul	93
30) Naphthalene	10.598	128	106611	1.029	ng/ul	99
36) 2-Methylnaphthalene	12.210	142	136194	1.870	ng/ul	99
72) Phenanthrene	17.245	178	335121	2.533	ng/ul	99
80) Fluoranthene	19.327	202	475301	3.355	ng/ul	99
82) Pyrene	19.704	202	431465	2.912	ng/ul	98
85) Benzo(a)anthracene	21.621	228	177137	1.174	ng/ul#	88
87) Chrysene	21.692	228	346596	2.492	ng/ul#	93
90) Benzo(b)fluoranthene	23.933	252	336085	2.213	ng/ul#	94
93) Benzo(a)pyrene	24.839	252	189102	1.334	ng/ul#	89
96) Benzo(g,h,i)perylene	30.027	276	153176m	1.088	ng/ul	

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

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