Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020325\
Data File : BP023904.D
Acq On : 04 Feb 2025 08:07
Operator : RC/JU
Sample : Q1190-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Feb 04 08:37:42 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 :
A44S2

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	494231	20.000	ng/ul	0.00
20) Naphthalene-d8	10.551	136	2108108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	1337786	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.186	188	2642999	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	2585681	20.000	ng/ul	0.00
88) Perylene-d12	25.009	264	2807321	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	53659	4.511	ng/uL	0.00
4) Pyridine-d5	3.705	84	705902	20.566	ng/ul	0.00
7) Phenol-d5	6.957	99	1071930	24.508	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.110	67	567177	24.499	ng/ul	0.00
11) 2-Chlorophenol-d4	7.316	132	865826	25.209	ng/ul	0.00
15) 4-Methylphenol-d8	8.481	113	873591	24.450	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	418633	24.821	ng/ul	0.00
24) 2-Nitrophenol-d4	9.634	143	443079	24.346	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.175	165	809504	24.247	ng/ul	0.00
31) 4-Chloroaniline-d4	10.687	131	931671	18.660	ng/ul	0.01
46) Dimethylphthalate-d6	13.798	166	2286291	22.912	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	2469824	21.945	ng/ul	0.00
54) 4-Nitrophenol-d4	14.610	143	361223	18.228	ng/ul	0.00
60) Fluorene-d10	15.398	176	1715775	20.418	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	211842	12.992	ng/ul	0.00
73) Anthracene-d10	17.286	188	2407195	18.550	ng/ul	0.00
81) Pyrene-d10	19.663	212	2616238	18.884	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.786	264	2325846	15.879	ng/ul	0.01
Target Compounds						Qvalue
8) Phenol	6.987	94	71988	1.603	ng/ul	95
72) Phenanthrene	17.233	178	882223	5.911	ng/ul	99
80) Fluoranthene	19.316	202	1351422	8.468	ng/ul	100
82) Pyrene	19.692	202	1154192	6.916	ng/ul	98
85) Benzo(a)anthracene	21.615	228	519387	3.055	ng/ul	96
87) Chrysene	21.680	228	570434	3.641	ng/ul	96
90) Benzo(b)fluoranthene	23.945	252	676296	3.970	ng/ul#	97
91) Benzo(k)fluoranthene	24.009	252	203885	1.194	ng/ul	96
93) Benzo(a)pyrene	24.851	252	448848	2.822	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.850	276	310483m	1.506	ng/ul	
96) Benzo(g,h,i)perylene	30.021	276	290793	1.841	ng/ul	99

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

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