Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031727.D
Acq On : 30 May 2024 22:15
Operator : MA/JU
Sample : P2549-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 30 23:50:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 29 15:13:07 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BH627

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	459191	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2054287	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1344942	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2728044	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1871121	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1652732	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	53166	4.790	ng/uL	0.00
4) Pyridine-d5	3.593	84	643574	20.598	ng/ul	0.00
7) Phenol-d5	6.852	99	992906	25.223	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	587252	25.504	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	807446	26.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	656757	20.467	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	428209	27.262	ng/ul	0.00
24) 2-Nitrophenol-d4	9.558	143	457944	28.224	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	788273	26.024	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	526991	11.718	ng/ul	0.00
46) Dimethylphthalate-d6	13.746	166	2578895	27.524	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	2973390	27.599	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	498005	26.546	ng/ul	0.00
60) Fluorene-d10	15.322	176	2221849	28.026	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	338251	24.667	ng/ul	0.00
73) Anthracene-d10	17.175	188	3294146	28.205	ng/ul	0.00
81) Pyrene-d10	19.469	212	3595927	35.913	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	2354060	29.829	ng/ul	0.01
Target Compounds						Qvalue
6) Benzaldehyde	6.834	77	1766458	95.671	ng/ul	99
72) Phenanthrene	17.116	178	475544	3.422	ng/ul	97
80) Fluoranthene	19.134	202	1294507	10.818	ng/ul	99
82) Pyrene	19.498	202	1187843	9.675	ng/ul	99
85) Benzo(a)anthracene	21.292	228	554087	4.424	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	173346	2.051	ng/ul	95
87) Chrysene	21.351	228	589033	5.035	ng/ul	97
90) Benzo(b)fluoranthene	23.322	252	693098	7.016	ng/ul	98
91) Benzo(k)fluoranthene	23.374	252	219829m	2.268	ng/ul	
93) Benzo(a)pyrene	24.104	252	432400	4.673	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.545	276	305079	2.861	ng/ul#	94
96) Benzo(g,h,i)perylene	28.586	276	298338	3.520	ng/ul	97

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

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