Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031829.D
Acq On : 06 Jun 2024 21:51
Operator : MA/JU
Sample : P2647-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBS4

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 07 00:02:30 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	482049	20.000	ng/ul	-0.02
20) Naphthalene-d8	10.451	136	1915608	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.316	164	1050397	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.063	188	1821151	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1491025	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1892881	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	43165	3.705	ng/uL	0.00
4) Pyridine-d5	3.593	84	277595	8.463	ng/ul	0.00
7) Phenol-d5	6.846	99	815539	19.735	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	479471	19.836	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.205	132	679396	21.546	ng/ul	-0.01
15) 4-Methylphenol-d8	8.375	113	554711	16.467	ng/ul	-0.01
21) Nitrobenzene-d5	8.828	128	331529	22.635	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.546	143	345125	22.811	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.081	165	573800	20.315	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	463129	11.043	ng/ul	-0.01
46) Dimethylphthalate-d6	13.728	166	1506420	20.586	ng/ul	-0.02
49) Acenaphthylene-d8	14.010	160	1819107	21.619	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	239582	16.352	ng/ul	0.00
60) Fluorene-d10	15.310	176	1256644	20.296	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.439	200	141396	15.446	ng/ul	0.00
73) Anthracene-d10	17.163	188	1816435	23.297	ng/ul	0.00
81) Pyrene-d10	19.463	212	1717005	21.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1462246	16.178	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.104	178	760042	8.193	ng/ul	98
74) Anthracene	17.198	178	141312	1.503	ng/ul	98
80) Fluoranthene	19.127	202	1002756	10.516	ng/ul	99
82) Pyrene	19.492	202	780149	7.974	ng/ul	97
85) Benzo(a)anthracene	21.280	228	500243	5.012	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.210	149	111259	1.652	ng/ul#	99
87) Chrysene	21.339	228	533550m	5.724	ng/ul	
90) Benzo(b)fluoranthene	23.310	252	637558	5.635	ng/ul	95
91) Benzo(k)fluoranthene	23.368	252	257622m	2.320	ng/ul	
93) Benzo(a)pyrene	24.098	252	273489	2.581	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	27.539	276	241578	1.978	ng/ul	93

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

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