Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031636.D
Acq On : 23 May 2024 17:35
Operator : MA/JU
Sample : P2547-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 23 23:23:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 23:42:49 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BH5Q1

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/24/2024
Supervised By :mohammad ahmed 05/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	448182	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1885281	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1050488	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1714293	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1195379	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1420331	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	39433	3.487	ng/uL	0.00
4) Pyridine-d5	3.605	84	510139	16.167	ng/ul	0.00
7) Phenol-d5	6.852	99	745054	20.195	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	446469	20.177	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	573618	20.178	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	550611	19.278	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	268732	18.834	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	248042	18.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	502195	18.851	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	706441	18.396	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1375736	20.781	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	1655934	19.957	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	150458	12.012	ng/ul	0.00
60) Fluorene-d10	15.322	176	1128943	19.678	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	88891	11.993	ng/ul	0.00
73) Anthracene-d10	17.169	188	1541334	21.239	ng/ul	0.00
81) Pyrene-d10	19.463	212	1463623	19.520	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1429803	21.386	ng/ul	0.00
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	133344	1.392	ng/ul	98
72) Phenanthrene	17.116	178	475355	5.464	ng/ul	99
74) Anthracene	17.204	178	112720	1.291	ng/ul	98
80) Fluoranthene	19.128	202	1052506	11.356	ng/ul	99
82) Pyrene	19.492	202	989670	10.412	ng/ul	96
85) Benzo(a)anthracene	21.280	228	487311	6.062	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.222	149	72527	1.642	ng/ul	99
87) Chrysene	21.345	228	558744	7.525	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	766561	9.249	ng/ul	96
91) Benzo(k)fluoranthene	23.369	252	237776	2.814	ng/ul	97
93) Benzo(a)pyrene	24.098	252	544092	6.834	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	27.527	276	372902	3.902	ng/ul	97
95) Dibenzo(a,h)anthracene	27.562	278	101040m	1.284	ng/ul	
96) Benzo(g,h,i)perylene	28.551	276	390416	4.945	ng/ul	97

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

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