Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031647.D
Acq On : 24 May 2024 00:49
Operator : MA/JU
Sample : P2547-13
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X0

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

Quant Time: May 24 01:51:58 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	525856	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2083324	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1057618	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	1757190	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	1509347	20.000	ng/ul	0.00
88) Perylene-d12	24.239	264	1854426	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	47204	3.558	ng/uL	0.00
4) Pyridine-d5	3.599	84	655553	17.707	ng/ul	0.00
7) Phenol-d5	6.852	99	889908	20.558	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	540587	20.822	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	705966	21.165	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	671638	20.042	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	335219	21.261	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	319490	21.220	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	579516	19.685	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	876331	20.651	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	1499952	22.504	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	1864036	22.314	ng/ul	0.00
54) 4-Nitrophenol-d4	14.516	143	204888	16.247	ng/ul	0.00
60) Fluorene-d10	15.322	176	1229458	21.285	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	97024	12.771	ng/ul	0.00
73) Anthracene-d10	17.169	188	1629804	21.910	ng/ul	0.00
81) Pyrene-d10	19.463	212	1808925	19.107	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2000541	22.918	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.116	178	576421	6.464	ng/ul	98
74) Anthracene	17.204	178	127950	1.430	ng/ul	97
80) Fluoranthene	19.133	202	823043	7.033	ng/ul	99
82) Pyrene	19.492	202	719342	5.994	ng/ul	97
85) Benzo(a)anthracene	21.280	228	375388	3.698	ng/ul	98
87) Chrysene	21.345	228	324124	3.457	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	407425	3.765	ng/ul	96
91) Benzo(k)fluoranthene	23.369	252	161826m	1.467	ng/ul	
93) Benzo(a)pyrene	24.092	252	321254	3.090	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.533	276	198890	1.594	ng/ul	98
96) Benzo(g,h,i)perylene	28.551	276	188189	1.826	ng/ul	96

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

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