Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031643.D
Acq On : 23 May 2024 22:11
Operator : MA/JU
Sample : P2547-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X1

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

Quant Time: May 23 23:53:00 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	7.693	152	496080	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	1983920	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1025421	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	1644008	20.000	ng/ul	0.00
79) Chrysene-d12	21.304	240	1370633	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	1688227	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	46947	3.751	ng/uL	0.00
4) Pyridine-d5	3.605	84	668875	19.151	ng/ul	0.00
7) Phenol-d5	6.852	99	893379	21.877	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	523601	21.378	ng/ul	0.00
11) 2-Chlorophenol-d4	7.222	132	703662	22.362	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	663014	20.973	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	322565	21.483	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	314105	21.907	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	582935	20.794	ng/ul	0.00
31) 4-Chloroaniline-d4	10.610	131	887229	21.955	ng/ul	0.00
46) Dimethylphthalate-d6	13.745	166	1564696	24.213	ng/ul	0.00
49) Acenaphthylene-d8	14.022	160	1890814	23.345	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	200065	16.362	ng/ul	0.00
60) Fluorene-d10	15.322	176	1271223	22.699	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.439	200	97927	13.777	ng/ul	0.00
73) Anthracene-d10	17.169	188	1654811	23.778	ng/ul	0.00
81) Pyrene-d10	19.463	212	1778637	20.688	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	1959710	24.661	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.116	178	516009	6.185	ng/ul	99
74) Anthracene	17.204	178	92999	1.111	ng/ul	98
80) Fluoranthene	19.133	202	594504	5.594	ng/ul	100
82) Pyrene	19.492	202	505457	4.638	ng/ul	96
85) Benzo(a)anthracene	21.280	228	253931	2.755	ng/ul	99
87) Chrysene	21.345	228	239406	2.812	ng/ul	96
90) Benzo(b)fluoranthene	23.316	252	314426	3.192	ng/ul	96
93) Benzo(a)pyrene	24.098	252	227888	2.408	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	27.527	276	150362	1.324	ng/ul	93
96) Benzo(g,h,i)perylene	28.562	276	147917m	1.576	ng/ul	

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

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