Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052924\
Data File : BN031701.D
Acq On : 29 May 2024 21:56
Operator : MA/JU
Sample : P2569-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH6A0

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Quant Time: May 29 23:45:54 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	7.687	152	514621	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2335297	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.322	164	1480648	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	2943846	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	2375242	20.000	ng/ul	0.00
88) Perylene-d12	24.233	264	2147376	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	45364	3.647	ng/uL	0.00
4) Pyridine-d5	3.599	84	574939	16.419	ng/ul	0.00
7) Phenol-d5	6.852	99	1079726	24.474	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	614461	23.811	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	824960	24.507	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	892156	24.808	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	444504	24.894	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	456728	24.762	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	859591	24.963	ng/ul	0.00
31) 4-Chloroaniline-d4	10.605	131	1173309	22.949	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2867720	27.801	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	3216856	27.122	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	471406	22.825	ng/ul	0.00
60) Fluorene-d10	15.322	176	2397608	27.471	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	297530	20.107	ng/ul	0.00
73) Anthracene-d10	17.169	188	3604377	28.599	ng/ul	0.00
81) Pyrene-d10	19.463	212	4099841	32.256	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.033	264	2923785	28.514	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.110	178	440213	2.935	ng/ul	99
80) Fluoranthene	19.128	202	915740	6.028	ng/ul	98
82) Pyrene	19.492	202	855246	5.488	ng/ul	99
85) Benzo(a)anthracene	21.280	228	415459	2.613	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	212154	1.977	ng/ul	98
87) Chrysene	21.339	228	444748	2.995	ng/ul	95
90) Benzo(b)fluoranthene	23.298	252	481764m	3.753	ng/ul	
91) Benzo(k)fluoranthene	23.363	252	179043m	1.422	ng/ul	
93) Benzo(a)pyrene	24.092	252	321150	2.671	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.521	276	198695	1.434	ng/ul	95
96) Benzo(g,h,i)perylene	28.539	276	204152m	1.854	ng/ul	

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

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