Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053024\
Data File : BN031729.D
Acq On : 30 May 2024 23:34
Operator : MA/JU
Sample : P2549-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH621

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 05/31/2024
Supervised By :mohammad ahmed 06/01/2024

Quant Time: May 31 00:06:29 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	443422	20.000	ng/ul	0.00
20) Naphthalene-d8	10.469	136	2048071	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.328	164	1319369	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	2704128	20.000	ng/ul	0.00
79) Chrysene-d12	21.310	240	1830794	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1631935	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	52778	4.924	ng/uL	0.00
4) Pyridine-d5	3.593	84	582747	19.314	ng/ul	0.00
7) Phenol-d5	6.852	99	1062634	27.954	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	596977	26.848	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	827662	28.535	ng/ul	0.00
15) 4-Methylphenol-d8	8.387	113	863083	27.853	ng/ul	0.00
21) Nitrobenzene-d5	8.840	128	429969	27.457	ng/ul	0.00
24) 2-Nitrophenol-d4	9.557	143	457483	28.281	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	812749	26.913	ng/ul	0.00
31) 4-Chloroaniline-d4	10.604	131	804488	17.942	ng/ul	0.00
46) Dimethylphthalate-d6	13.740	166	2567881	27.938	ng/ul	0.00
49) Acenaphthylene-d8	14.016	160	2970310	28.104	ng/ul	0.00
54) 4-Nitrophenol-d4	14.528	143	471388	25.614	ng/ul	0.00
60) Fluorene-d10	15.322	176	2204329	28.344	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.445	200	306021	22.514	ng/ul	0.00
73) Anthracene-d10	17.175	188	3264413	28.197	ng/ul	0.00
81) Pyrene-d10	19.469	212	3524237	35.973	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.051	264	2282600	29.292	ng/ul	0.01
Target Compounds						Qvalue
50) Acenaphthylene	14.045	152	203509	1.704	ng/ul	98
72) Phenanthrene	17.116	178	1584510	11.503	ng/ul	98
74) Anthracene	17.210	178	265701	1.904	ng/ul	99
77) Carbazole	17.480	167	144881	1.217	ng/ul	98
80) Fluoranthene	19.139	202	3824288	32.663	ng/ul	99
82) Pyrene	19.504	202	3645364	30.346	ng/ul	98
83) Butylbenzylphthalate	20.410	149	108483	1.912	ng/ul	96
85) Benzo(a)anthracene	21.292	228	1622117	13.237	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.221	149	617801	7.470	ng/ul	98
87) Chrysene	21.351	228	1769646	15.460	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1835004	18.812	ng/ul	99
91) Benzo(k)fluoranthene	23.380	252	778771m	8.136	ng/ul	
93) Benzo(a)pyrene	24.115	252	1317695	14.423	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.556	276	888887	8.443	ng/ul	98
95) Dibenzo(a,h)anthracene	27.598	278	232658m	2.707	ng/ul	
96) Benzo(g,h,i)perylene	28.580	276	816343	9.755	ng/ul	98

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

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