Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031926.D
Acq On : 12 Jun 2024 01:33
Operator : MA/JU
Sample : P2659-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC41

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/12/2024
Supervised By :mohammad ahmed 06/14/2024

Quant Time: Jun 12 02:03:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 11 22:28:10 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	293334	20.000	ng/ul	0.00
20) Naphthalene-d8	10.440	136	1334530	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.304	164	883872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.057	188	1819960	20.000	ng/ul	0.00
79) Chrysene-d12	21.292	240	1206127	20.000	ng/ul	0.00
88) Perylene-d12	24.215	264	1165868	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	29932	4.221	ng/uL	0.00
4) Pyridine-d5	3.587	84	146629	7.346	ng/ul	0.00
7) Phenol-d5	6.834	99	685170	27.247	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	383296	26.058	ng/ul	0.00
11) 2-Chlorophenol-d4	7.193	132	553737	28.859	ng/ul	0.00
15) 4-Methylphenol-d8	8.369	113	537597	26.226	ng/ul	0.00
21) Nitrobenzene-d5	8.816	128	289174	28.340	ng/ul	0.00
24) 2-Nitrophenol-d4	9.534	143	319821	30.342	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.069	165	558558	28.385	ng/ul	0.00
31) 4-Chloroaniline-d4	10.587	131	527746	18.063	ng/ul	0.00
46) Dimethylphthalate-d6	13.722	166	1815744	29.488	ng/ul	0.00
49) Acenaphthylene-d8	13.998	160	2065888	29.178	ng/ul	0.00
54) 4-Nitrophenol-d4	14.522	143	266023	21.577	ng/ul	0.00
60) Fluorene-d10	15.298	176	1549166	29.734	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	208295	22.769	ng/ul	0.00
73) Anthracene-d10	17.151	188	2319294	29.766	ng/ul	0.00
81) Pyrene-d10	19.451	212	2231212	34.570	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.015	264	1125251	20.213	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.487	105	35129	1.131	ng/ul	99
50) Acenaphthylene	14.028	152	148256	1.853	ng/ul	98
72) Phenanthrene	17.098	178	1505233	16.236	ng/ul	98
74) Anthracene	17.186	178	223510	2.379	ng/ul	99
77) Carbazole	17.463	167	117158	1.463	ng/ul	100
80) Fluoranthene	19.122	202	2993855	38.813	ng/ul	98
82) Pyrene	19.480	202	2241527	28.324	ng/ul	97
83) Butylbenzylphthalate	20.392	149	67194	1.798	ng/ul	93
85) Benzo(a)anthracene	21.269	228	1156015	14.319	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	368693	6.767	ng/ul	99
87) Chrysene	21.333	228	1170384	15.521	ng/ul	98
90) Benzo(b)fluoranthene	23.292	252	1289842	18.509	ng/ul	98
91) Benzo(k)fluoranthene	23.351	252	441519m	6.457	ng/ul	
93) Benzo(a)pyrene	24.080	252	517519	7.929	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.509	276	449857	5.981	ng/ul	97
95) Dibenzo(a,h)anthracene	27.545	278	148135	2.412	ng/ul#	91

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

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