Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082120\
Data File : BN011579.D
Acq On : 22 Aug 2020 09:41
Operator : CG/JU
Sample : L3768-05MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-3MSD

Quant Time: Aug 24 01:23:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082120.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 22 04:52:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	1555	0.40	ng		0.00
7) Naphthalene-d8	10.14	136	5415	0.40	ng		-0.01
13) Acenaphthene-d10	14.03	164	3057	0.40	ng		0.00
19) Phenanthrene-d10	16.79	188	6125	0.40	ng		0.00
29) Chrysene-d12	21.01	240	5368	0.40	ng		0.00
36) Perylene-d12	23.11	264	6645	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	1710	0.52	ng		0.00
5) Phenol-d6	6.62	99	1583	0.47	ng		0.00
8) Nitrobenzene-d5	8.54	82	2189	0.62	ng		-0.01
11) 2-Methylnaphthalene-d10	11.74	152	3027	0.31	ng		0.00
14) 2,4,6-Tribromophenol	15.54	330	537	0.35	ng		-0.01
15) 2-Fluorobiphenyl	12.64	172	7713	0.61	ng		-0.01
27) Fluoranthene-d10	18.83	212	5921	0.29	ng		0.00
31) Terphenyl-d14	19.45	244	8972	0.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.11	88	649	0.305	ng	#	100
3) n-Nitrosodimethylamine	3.43	42	341	0.389	ng	#	92
6) bis(2-Chloroethyl)ether	6.87	93	903	0.276	ng	#	82
9) Naphthalene	10.19	128	4911	0.313	ng		98
10) Hexachlorobutadiene	10.48	225	1226	0.279	ng	#	99
12) 2-Methylnaphthalene	11.82	142	3178	0.294	ng		97
16) Acenaphthylene	13.74	152	4876	0.314	ng		98
17) Acenaphthene	14.09	154	3097	0.304	ng		99
18) Fluorene	15.09	166	3764	0.279	ng		99
20) 4,6-Dinitro-2-methylphenol	15.23	198	174	0.318	ng		98
21) 4-Bromophenyl-phenylether	16.02	248	342	0.256	ng	#	88
22) Hexachlorobenzene	16.10	284	1473	0.312	ng		99
23) Atrazine	16.29	200	852	0.267	ng		97
24) Pentachlorophenol	16.46	266	721	0.490	ng		99
25) Phenanthrene	16.82	178	5982	0.310	ng		100
26) Anthracene	16.92	178	4975	0.309	ng		98
28) Fluoranthene	18.86	202	6935	0.280	ng		99
30) Pyrene	19.23	202	7175	0.336	ng		99
32) Benzo(a)anthracene	20.99	228	5703	0.323	ng		99
33) Chrysene	21.05	228	6312	0.315	ng		99
34) Bis(2-ethylhexyl)phthalate	20.95	149	3432	0.428	ng		98
35) Indeno(1,2,3-cd)pyrene	25.13	276	8416	0.462	ng	#	94
37) Benzo(b)fluoranthene	22.49	252	7756	0.316	ng	#	96
38) Benzo(k)fluoranthene	22.54	252	8919	0.305	ng	#	96
39) Benzo(a)pyrene	23.02	252	6546	0.288	ng		93
40) Dibenzo(a,h)anthracene	25.15	278	7295	0.384	ng	#	89
41) Benzo(g,h,i)perylene	25.75	276	8031	0.354	ng		98

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

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