Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122320\
Data File : BN013314.D
Acq On : 24 Dec 2020 05:28
Operator : CG/JU
Sample : L5124-17MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BPOW1-8-20201215MS

Quant Time: Dec 24 06:37:08 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 10:46:43 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.330	152	745	0.40	ng	0.00
7) Naphthalene-d8	10.087	136	2239	0.40	ng	#-0.01
13) Acenaphthene-d10	13.991	164	1072	0.40	ng	0.00
19) Phenanthrene-d10	16.751	188	2829	0.40	ng	#-0.01
29) Chrysene-d12	20.982	240	2861	0.40	ng	#-0.01
36) Perylene-d12	23.083	264	451	0.40	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.962	112	214	0.07	ng	0.00
5) Phenol-d6	6.549	99	112	0.04	ng	0.00
8) Nitrobenzene-d5	8.515	82	522	0.23	ng	0.01
11) 2-Methylnaphthalene-d10	11.693	152	1132	0.29	ng	-0.01
14) 2,4,6-Tribromophenol	15.514	330	151	0.22	ng	-0.01
15) 2-Fluorobiphenyl	12.608	172	1263	0.28	ng	0.00
27) Fluoranthene-d10	18.803	212	2582	0.28	ng	-0.01
31) Terphenyl-d14	19.419	244	2294	0.32	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.933	88	373	0.29	ng	# 61
3) n-Nitrosodimethylamine	3.271	42	147	0.07	ng	# 1
6) bis(2-Chloroethyl)ether	6.782	93	544	0.28	ng	93
9) Naphthalene	10.137	128	1596	0.23	ng	# 88
10) Hexachlorobutadiene	10.404	225	332	0.23	ng	# 100
12) 2-Methylnaphthalene	11.777	142	1044	0.22	ng	# 91
16) Acenaphthylene	13.699	152	927	0.16	ng	97
17) Acenaphthene	14.054	154	914	0.26	ng	87
18) Fluorene	15.057	166	1498	0.32	ng	97
20) 4,6-Dinitro-2-methylph...	15.234	198	123	0.34	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	173	0.31	ng	# 70
22) Hexachlorobenzene	16.069	284	538	0.28	ng	# 91
23) Atrazine	16.252	200	57	0.03	ng	# 32
24) Pentachlorophenol	16.434	266	490	0.60	ng	97
25) Phenanthrene	16.799	178	2827	0.31	ng	98
26) Anthracene	16.897	178	2032	0.25	ng	97
28) Fluoranthene	18.833	202	3573	0.32	ng	99
30) Pyrene	19.206	202	2034	0.18	ng	97
32) Benzo(a)anthracene	20.971	228	2839	0.28	ng	96
33) Chrysene	21.024	228	3418	0.32	ng	96
34) Bis(2-ethylhexyl)phtha...	20.907	149	3045	0.33	ng	95
35) Indeno(1,2,3-cd)pyrene	25.116	276	2462	0.17	ng	94
37) Benzo(b)fluoranthene	22.463	252	3324	2.09	ng	# 82
38) Benzo(k)fluoranthene	22.504	252	3150	1.73	ng	# 78
39) Benzo(a)pyrene	22.997	252	854	0.54	ng	# 15
40) Dibenzo(a,h)anthracene	25.116	278	3218	1.88	ng	# 80
41) Benzo(g,h,i)perylene	25.735	276	2022	1.11	ng	# 82

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

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