Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121820\
Data File : BN013213.D
Acq On : 18 Dec 2020 17:53
Operator : CG/JU
Sample : L4996-23MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : RE135D3-20201208MS

Quant Time: Dec 19 01:11:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 16:11:20 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.338	152	767	0.40	ng		0.00
7) Naphthalene-d8	10.099	136	2258	0.40	ng		#-0.01
13) Acenaphthene-d10	14.004	164	1292	0.40	ng		0.00
19) Phenanthrene-d10	16.763	188	3006	0.40	ng		#-0.01
29) Chrysene-d12	20.992	240	3331	0.40	ng		#-0.01
36) Perylene-d12	23.086	264	3624	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	4.970	112	224	0.07	ng		0.00
5) Phenol-d6	6.541	99	133	0.04	ng		0.00
8) Nitrobenzene-d5	8.515	82	559	0.24	ng		-0.01
11) 2-Methylnaphthalene-d10	11.715	152	858	0.22	ng		0.00
14) 2,4,6-Tribromophenol	15.526	330	191	0.23	ng		-0.01
15) 2-Fluorobiphenyl	12.621	172	1272	0.23	ng		-0.01
27) Fluoranthene-d10	18.813	212	2762	0.28	ng		0.00
31) Terphenyl-d14	19.434	244	2348	0.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.933	88	649	0.49	ng	#	68
3) n-Nitrosodimethylamine	3.287	42	169	0.08	ng	#	86
6) bis(2-Chloroethyl)ether	6.790	93	488	0.25	ng		99
9) Naphthalene	10.150	128	1542	0.22	ng	#	86
10) Hexachlorobutadiene	10.416	225	310	0.21	ng	#	99
12) 2-Methylnaphthalene	11.791	142	919	0.20	ng		93
16) Acenaphthylene	13.712	152	1519	0.22	ng		99
17) Acenaphthene	14.067	154	960	0.22	ng		90
18) Fluorene	15.069	166	1357	0.24	ng		99
20) 4,6-Dinitro-2-methylph...	15.234	198	122	0.33	ng	#	1
21) 4-Bromophenyl-phenylether	16.008	248	218	0.37	ng	#	88
22) Hexachlorobenzene	16.081	284	502	0.24	ng		98
23) Atrazine	16.264	200	323	0.18	ng	#	77
24) Pentachlorophenol	16.434	266	492	0.57	ng		93
25) Phenanthrene	16.812	178	2526	0.26	ng		98
26) Anthracene	16.909	178	2117	0.24	ng		99
28) Fluoranthene	18.848	202	3445	0.29	ng		98
30) Pyrene	19.215	202	3517	0.27	ng		99
32) Benzo(a)anthracene	20.982	228	3146	0.27	ng		98
33) Chrysene	21.035	228	3530	0.28	ng		97
34) Bis(2-ethylhexyl)phtha...	20.918	149	2073	0.08	ng		98
35) Indeno(1,2,3-cd)pyrene	25.129	276	4584	0.27	ng		96
37) Benzo(b)fluoranthene	22.473	252	3883	0.30	ng	#	90
38) Benzo(k)fluoranthene	22.511	252	4173	0.29	ng	#	90
39) Benzo(a)pyrene	23.000	252	3010	0.24	ng	#	84
40) Dibenzo(a,h)anthracene	25.136	278	3698	0.27	ng	#	86
41) Benzo(g,h,i)perylene	25.746	276	3974	0.27	ng		93

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

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