Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011631.D
Acq On : 26 Aug 2020 01:03
Operator : CG/JU
Sample : PB131164BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131164BS

Quant Time: Aug 26 02:31:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 25 03:31:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	2167	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	8680	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5467	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	12467	0.40	ng		0.00
29) Chrysene-d12	21.32	240	13024	0.40	ng		-0.01
36) Perylene-d12	23.58	264	13133	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2475	0.36	ng		0.00
5) Phenol-d6	6.91	99	3513	0.36	ng		0.00
8) Nitrobenzene-d5	8.89	82	3237	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	6374	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1031	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	9169	0.43	ng		-0.01
27) Fluoranthene-d10	19.17	212	15406	0.38	ng		0.00
31) Terphenyl-d14	19.77	244	13717	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1409	0.419	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1642	0.464	ng	#	93
6) bis(2-Chloroethyl)ether	7.18	93	2804	0.403	ng		96
9) Naphthalene	10.59	128	9926	0.402	ng		94
10) Hexachlorobutadiene	10.88	225	2172	0.420	ng	#	98
12) 2-Methylnaphthalene	12.21	142	7234	0.397	ng		98
16) Acenaphthylene	14.10	152	10667	0.370	ng		99
17) Acenaphthene	14.46	154	7403	0.405	ng		97
18) Fluorene	15.44	166	9424	0.399	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	712	0.495	ng	#	36
21) 4-Bromophenyl-phenylether	16.34	248	2939	0.404	ng	#	72
22) Hexachlorobenzene	16.44	284	3577	0.425	ng		99
23) Atrazine	16.60	200	1859	0.259	ng	#	93
24) Pentachlorophenol	16.79	266	1169	0.315	ng		94
25) Phenanthrene	17.18	178	15801	0.408	ng		100
26) Anthracene	17.27	178	14117	0.370	ng		100
28) Fluoranthene	19.20	202	18637	0.397	ng		98
30) Pyrene	19.56	202	18678	0.404	ng		100
32) Benzo(a)anthracene	21.31	228	18079	0.385	ng		99
33) Chrysene	21.35	228	18853	0.421	ng		98
34) Bis(2-ethylhexyl)phthalate	21.26	149	7761	0.204	ng		95
35) Indeno(1,2,3-cd)pyrene	25.86	276	23330	0.427	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	19547	0.411	ng	#	94
38) Benzo(k)fluoranthene	22.95	252	20016	0.423	ng	#	91
39) Benzo(a)pyrene	23.48	252	17284	0.390	ng	#	96
40) Dibenzo(a,h)anthracene	25.88	278	19391	0.418	ng	#	93
41) Benzo(g,h,i)perylene	26.55	276	18658	0.415	ng	#	95

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

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