Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011616.D
Acq On : 25 Aug 2020 15:24
Operator : CG/JU
Sample : L3768-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : CS-3MSD

Quant Time: Aug 25 16:06:53 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	2787	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	11663	0.40	ng		0.00
13) Acenaphthene-d10	14.40	164	6990	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	14840	0.40	ng		0.00
29) Chrysene-d12	21.33	240	15341	0.40	ng		0.00
36) Perylene-d12	23.59	264	17630	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	4163	0.47	ng		0.00
5) Phenol-d6	6.92	99	5508	0.44	ng		0.00
8) Nitrobenzene-d5	8.89	82	5697	0.56	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	7265	0.33	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1390	0.36	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	15431	0.57	ng		-0.01
27) Fluoranthene-d10	19.17	212	14685	0.30	ng		0.00
31) Terphenyl-d14	19.78	244	23540	0.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	1090	0.252	ng	#	1
3) n-Nitrosodimethylamine	3.59	42	1430	0.314	ng	#	100
6) bis(2-Chloroethyl)ether	7.18	93	2927	0.327	ng		96
9) Naphthalene	10.59	128	10335	0.312	ng		94
10) Hexachlorobutadiene	10.88	225	2043	0.294	ng	#	99
12) 2-Methylnaphthalene	12.21	142	7420	0.303	ng		97
16) Acenaphthylene	14.10	152	10862	0.295	ng		99
17) Acenaphthene	14.46	154	6851	0.293	ng		96
18) Fluorene	15.45	166	8652	0.286	ng		98
20) 4,6-Dinitro-2-methylphenol	15.51	198	461	0.269	ng	#	56
21) 4-Bromophenyl-phenylether	16.34	248	2553	0.295	ng	#	78
22) Hexachlorobenzene	16.44	284	2961	0.296	ng		99
23) Atrazine	16.60	200	2154	0.252	ng	#	93
24) Pentachlorophenol	16.79	266	1691	0.383	ng		96
25) Phenanthrene	17.18	178	14018	0.304	ng		100
26) Anthracene	17.27	178	13355	0.294	ng		100
28) Fluoranthene	19.20	202	16487	0.295	ng		99
30) Pyrene	19.56	202	17211	0.316	ng		99
32) Benzo(a)anthracene	21.31	228	17735	0.321	ng		98
33) Chrysene	21.36	228	16667	0.316	ng		98
34) Bis(2-ethylhexyl)phthalate	21.27	149	10965	0.266	ng		93
35) Indeno(1,2,3-cd)pyrene	25.87	276	23682	0.368	ng	#	100
37) Benzo(b)fluoranthene	22.92	252	18850	0.295	ng	#	96
38) Benzo(k)fluoranthene	22.96	252	18882	0.297	ng		99
39) Benzo(a)pyrene	23.49	252	17439	0.293	ng	#	94
40) Dibenzo(a,h)anthracene	25.89	278	19871	0.319	ng		98
41) Benzo(g,h,i)perylene	26.56	276	20388	0.338	ng		98

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

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