Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011614.D
Acq On : 25 Aug 2020 14:13
Operator : CG/JU
Sample : L3729-18MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : COMP-5-(4-5)MSD

Manual Integrations APPROVED
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8/26/2020 4:01:26 PM

Quant Time: Aug 25 15:28:15 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	2781	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	11655	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	7305	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	16061	0.40	ng		0.00
29) Chrysene-d12	21.33	240	16927	0.40	ng		0.00
36) Perylene-d12	23.59	264	19439	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2937	0.33	ng		0.00
5) Phenol-d6	6.92	99	4044	0.32	ng		0.00
8) Nitrobenzene-d5	8.89	82	4187	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	12.14	152	5956m	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	1075	0.27	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	11732	0.41	ng		-0.01
27) Fluoranthene-d10	19.17	212	12621	0.24	ng		0.00
31) Terphenyl-d14	19.78	244	19173	0.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1219	0.283	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1480	0.326	ng	#	98
6) bis(2-Chloroethyl)ether	7.18	93	3103	0.347	ng		97
9) Naphthalene	10.59	128	18787	0.567	ng	#	93
10) Hexachlorobutadiene	10.88	225	2065	0.297	ng	#	98
12) 2-Methylnaphthalene	12.21	142	10381	0.425	ng		97
16) Acenaphthylene	14.10	152	38219	0.993	ng		99
17) Acenaphthene	14.46	154	8663	0.355	ng		99
18) Fluorene	15.45	166	14450	0.457	ng		95
20) 4,6-Dinitro-2-methylphenol	15.51	198	613	0.331	ng	#	47
21) 4-Bromophenyl-phenylether	16.34	248	2774	0.296	ng	#	82
22) Hexachlorobenzene	16.44	284	3186	0.294	ng		97
23) Atrazine	16.60	200	2271	0.245	ng		95
24) Pentachlorophenol	16.79	266	371	0.078	ng		97
25) Phenanthrene	17.17	178	120321	2.411	ng		100
26) Anthracene	17.27	178	41289	0.840	ng		100
28) Fluoranthene	19.20	202	279347	4.620	ng		99
30) Pyrene	19.56	202	346427	5.772	ng		99
32) Benzo(a)anthracene	21.31	228	193183m	3.165	ng		
33) Chrysene	21.36	228	178773	3.072	ng		99
34) Bis(2-ethylhexyl)phthalate	21.27	149	12585	0.281	ng		94
35) Indeno(1,2,3-cd)pyrene	25.87	276	215952	3.040	ng	#	100
37) Benzo(b)fluoranthene	22.92	252	286525m	4.069	ng		
38) Benzo(k)fluoranthene	22.96	252	114114m	1.629	ng		
39) Benzo(a)pyrene	23.49	252	233343m	3.555	ng		
40) Dibenzo(a,h)anthracene	25.88	278	54862	0.800	ng	#	92
41) Benzo(g,h,i)perylene	26.57	276	254961m	3.828	ng		

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

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