Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011630.D
Acq On : 26 Aug 2020 00:26
Operator : CG/JU
Sample : PB131179BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131179BS

Manual Integrations APPROVED
mohammad
8/26/2020 4:01:40 PM

Quant Time: Aug 26 02:37:55 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	2127	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	8353	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5315	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	12092	0.40	ng		0.00
29) Chrysene-d12	21.32	240	12426	0.40	ng		-0.01
36) Perylene-d12	23.59	264	12663	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2411	0.35	ng		0.00
5) Phenol-d6	6.92	99	3380	0.35	ng		0.00
8) Nitrobenzene-d5	8.89	82	3090	0.43	ng		-0.01
11) 2-Methylnaphthalene-d10	12.13	152	6139	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	979	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	8791	0.42	ng		-0.01
27) Fluoranthene-d10	19.17	212	14743	0.37	ng		0.00
31) Terphenyl-d14	19.77	244	13223	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1331	0.403	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1620	0.466	ng	#	92
6) bis(2-Chloroethyl)ether	7.18	93	2695	0.395	ng		95
9) Naphthalene	10.59	128	9461	0.398	ng		95
10) Hexachlorobutadiene	10.88	225	2090	0.420	ng	#	97
12) 2-Methylnaphthalene	12.21	142	6935	0.396	ng		98
16) Acenaphthylene	14.10	152	10295	0.368	ng		99
17) Acenaphthene	14.46	154	7209	0.406	ng		98
18) Fluorene	15.45	166	9198	0.400	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	688	0.493	ng	#	37
21) 4-Bromophenyl-phenylether	16.34	248	2780	0.394	ng	#	74
22) Hexachlorobenzene	16.44	284	3443	0.422	ng		99
23) Atrazine	16.60	200	1806	0.259	ng	#	93
24) Pentachlorophenol	16.79	266	1169	0.325	ng		96
25) Phenanthrene	17.18	178	14959	0.398	ng		99
26) Anthracene	17.27	178	13581	0.367	ng		100
28) Fluoranthene	19.20	202	17635	0.387	ng		99
30) Pyrene	19.56	202	17875	0.406	ng		100
32) Benzo(a)anthracene	21.31	228	17324	0.387	ng		99
33) Chrysene	21.36	228	18193	0.426	ng		99
34) Bis(2-ethylhexyl)phthalate	21.26	149	7378	0.203	ng		94
35) Indeno(1,2,3-cd)pyrene	25.86	276	23014	0.441	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	19038m	0.415	ng		
38) Benzo(k)fluoranthene	22.95	252	19340	0.424	ng	#	92
39) Benzo(a)pyrene	23.49	252	16669	0.390	ng	#	95
40) Dibenzo(a,h)anthracene	25.88	278	19110	0.428	ng	#	93
41) Benzo(g,h,i)perylene	26.55	276	18229	0.420	ng	#	95

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

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