Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082520\
Data File : BN011632.D
Acq On : 26 Aug 2020 01:39
Operator : CG/JU
Sample : PB131164BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB131164BSD

Manual Integrations APPROVED
mohammad
8/26/2020 4:01:44 PM

Quant Time: Aug 26 02:40:51 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	2072	0.40	ng		0.00
7) Naphthalene-d8	10.54	136	8263	0.40	ng		0.00
13) Acenaphthene-d10	14.39	164	5236	0.40	ng		0.00
19) Phenanthrene-d10	17.14	188	11897	0.40	ng		0.00
29) Chrysene-d12	21.32	240	12289	0.40	ng		-0.01
36) Perylene-d12	23.58	264	12522	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.35	112	2385	0.36	ng		0.00
5) Phenol-d6	6.91	99	3337	0.36	ng		0.00
8) Nitrobenzene-d5	8.89	82	3039	0.42	ng		-0.01
11) 2-Methylnaphthalene-d10	12.13	152	6110	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.88	330	989	0.34	ng		0.00
15) 2-Fluorobiphenyl	13.01	172	8810	0.43	ng		-0.01
27) Fluoranthene-d10	19.17	212	14760	0.38	ng		0.00
31) Terphenyl-d14	19.77	244	13205	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	1364	0.424	ng	#	1
3) n-Nitrosodimethylamine	3.60	42	1601	0.473	ng	#	99
6) bis(2-Chloroethyl)ether	7.18	93	2689	0.404	ng		95
9) Naphthalene	10.59	128	9503	0.404	ng		95
10) Hexachlorobutadiene	10.88	225	2126	0.432	ng	#	100
12) 2-Methylnaphthalene	12.21	142	6884	0.397	ng		98
16) Acenaphthylene	14.10	152	10065	0.365	ng		100
17) Acenaphthene	14.45	154	7170	0.410	ng		98
18) Fluorene	15.44	166	9074	0.401	ng		99
20) 4,6-Dinitro-2-methylphenol	15.51	198	651	0.475	ng	#	36
21) 4-Bromophenyl-phenylether	16.34	248	2766	0.399	ng	#	71
22) Hexachlorobenzene	16.44	284	3422	0.427	ng		98
23) Atrazine	16.60	200	1806	0.263	ng	#	93
24) Pentachlorophenol	16.79	266	1154	0.326	ng		97
25) Phenanthrene	17.18	178	15077	0.408	ng		99
26) Anthracene	17.26	178	13468	0.370	ng		100
28) Fluoranthene	19.20	202	17620	0.393	ng		99
30) Pyrene	19.56	202	17913	0.411	ng		100
32) Benzo(a)anthracene	21.31	228	17344	0.391	ng		99
33) Chrysene	21.35	228	17915	0.424	ng		98
34) Bis(2-ethylhexyl)phthalate	21.26	149	7313	0.204	ng		95
35) Indeno(1,2,3-cd)pyrene	25.86	276	22697	0.440	ng	#	100
37) Benzo(b)fluoranthene	22.91	252	18721m	0.413	ng		
38) Benzo(k)fluoranthene	22.95	252	19516	0.433	ng	#	91
39) Benzo(a)pyrene	23.48	252	16489	0.390	ng	#	95
40) Dibenzo(a,h)anthracene	25.87	278	18964	0.429	ng	#	93
41) Benzo(g,h,i)perylene	26.55	276	18015	0.420	ng	#	95

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

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