Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061020\
Data File : BN010829.D
Acq On : 10 Jun 2020 22:15
Operator : CG/JU
Sample : L2904-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : VE-4-11MS

Manual Integrations APPROVED
mohammad
6/11/2020 1:49:15 PM

Quant Time: Jun 11 00:58:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN061020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 10 15:14:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3185	0.40	ng		0.00
7) Naphthalene-d8	10.30	136	11737	0.40	ng		0.00
13) Acenaphthene-d10	14.18	164	7557	0.40	ng		0.00
19) Phenanthrene-d10	16.92	188	14162	0.40	ng		-0.01
27) Chrysene-d12	21.13	240	13221	0.40	ng		0.00
34) Perylene-d12	23.28	264	14442	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	1183	0.19	ng		0.00
5) Phenol-d6	6.75	99	908	0.13	ng		0.00
8) Nitrobenzene-d5	8.68	82	3531	0.41	ng		-0.01
11) 2-Methylnaphthalene-d10	11.90	152	6735	0.37	ng		0.00
14) 2,4,6-Tribromophenol	15.67	330	1333	0.49	ng		-0.01
15) 2-Fluorobiphenyl	12.80	172	10412	0.35	ng		0.00
25) Fluoranthene-d10	18.96	212	15653	0.40	ng		0.00
29) Terphenyl-d14	19.58	244	13403	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	325	0.104	ng	#	48
3) n-Nitrosodimethylamine	3.53	42	246	0.136	ng	#	95
6) bis(2-Chloroethyl)ether	6.99	93	3094	0.438	ng		96
9) Naphthalene	10.35	128	12259	0.416	ng		99
10) Hexachlorobutadiene	10.65	225	2516	0.345	ng	#	99
12) 2-Methylnaphthalene	11.97	142	9000	0.456	ng		97
16) Acenaphthylene	13.89	152	13867	0.448	ng	#	78
17) Acenaphthene	14.24	154	8270	0.392	ng		98
18) Fluorene	15.23	166	10996	0.404	ng		98
20) 4-Bromophenyl-phenylether	16.12	248	3326	0.391	ng	#	69
21) Hexachlorobenzene	16.24	284	3333	0.375	ng	#	91
22) Pentachlorophenol	16.58	266	5381	1.806	ng		93
23) Phenanthrene	16.96	178	17823m	0.461	ng		
24) Anthracene	17.06	178	25102	0.777	ng		96
26) Fluoranthene	18.99	202	19428	0.442	ng	#	98
28) Pyrene	19.36	202	24183	0.553	ng		97
30) Benzo(a)anthracene	21.11	228	17672	0.455	ng	#	75
31) Chrysene	21.16	228	17878	0.395	ng	#	81
32) Bis(2-ethylhexyl)phthalate	21.08	149	8950	0.691	ng		99
33) Indeno(1,2,3-cd)pyrene	25.40	276	17335	0.343	ng	#	95
35) Benzo(b)fluoranthene	22.65	252	16887	0.344	ng	#	80
36) Benzo(k)fluoranthene	22.69	252	16866	0.322	ng	#	80
37) Benzo(a)pyrene	23.19	252	15198	0.361	ng	#	86
38) Dibenzo(a,h)anthracene	25.41	278	14290	0.297	ng	#	87
39) Benzo(g,h,i)perylene	26.04	276	15038	0.300	ng	#	90

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

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