Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030220\
Data File : BN010041.D
Acq On : 02 Mar 2020 15:45
Operator : CG/JU
Sample : L1613-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP-14-EP2-3MSD

Manual Integrations APPROVED
mohammad
3/3/2020 12:27:30 PM

Quant Time: Mar 02 18:22:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 02 18:15:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	1052	0.40	ng		0.00
7) Naphthalene-d8	10.13	136	3625	0.40	ng		-0.01
13) Acenaphthene-d10	14.01	164	2292	0.40	ng		0.00
19) Phenanthrene-d10	16.77	188	4705	0.40	ng		0.00
27) Chrysene-d12	20.99	240	4288	0.40	ng		-0.01
34) Perylene-d12	23.09	264	4811	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.05	112	850	0.36	ng		0.00
5) Phenol-d6	6.60	99	1129	0.40	ng		-0.03
8) Nitrobenzene-d5	8.55	82	1155	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	11.73	152	2094	0.30	ng		-0.02
14) 2,4,6-Tribromophenol	15.54	330	314	0.36	ng		-0.02
15) 2-Fluorobiphenyl	12.63	172	3398	0.39	ng		-0.02
25) Fluoranthene-d10	18.82	212	4053	0.25	ng		-0.01
29) Terphenyl-d14	19.43	244	3680	0.36	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.06	88	281	0.261	ng	#	70
3) n-Nitrosodimethylamine	3.38	42	684	0.387	ng	#	87
6) bis(2-Chloroethyl)ether	6.84	93	729	0.263	ng	#	82
9) Naphthalene	10.16	128	9973	1.009	ng		95
10) Hexachlorobutadiene	10.44	225	579	0.266	ng	#	99
12) 2-Methylnaphthalene	11.80	142	5029	0.742	ng		99
16) Acenaphthylene	13.72	152	24854	2.544	ng		100
17) Acenaphthene	14.07	154	3647	0.531	ng		97
18) Fluorene	15.07	166	9811	1.082	ng		96
21) Hexachlorobenzene	16.09	284	804	0.274	ng		97
22) Pentachlorophenol	16.46	266	143	0.324	ng		96
23) Phenanthrene	16.82	178	64152	4.581	ng		100
24) Anthracene	16.91	178	21114	1.784	ng		100
26) Fluoranthene	18.84	202	77594	4.628	ng		99
28) Pyrene	19.21	202	79831	4.903	ng		98
30) Benzo(a)anthracene	20.97	228	53562	3.764	ng		96
31) Chrysene	21.03	228	40405	2.454	ng		99
32) Bis(2-ethylhexyl)phthalate	20.93	149	4009	0.577	ng		98
33) Indeno(1,2,3-cd)pyrene	25.12	276	47830	2.790	ng		97
35) Benzo(b)fluoranthene	22.48	252	73710	4.191	ng	#	82
36) Benzo(k)fluoranthene	22.52	252	31854m	1.663	ng		
37) Benzo(a)pyrene	23.00	252	66870m	4.167	ng		
38) Dibenzo(a,h)anthracene	25.12	278	16602	1.051	ng		97
39) Benzo(g,h,i)perylene	25.73	276	50303	2.988	ng		95

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

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