Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022020\
Data File : BN009799.D
Acq On : 21 Feb 2020 03:22
Operator : CG/JU
Sample : L1482-04MS 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TP6-EP2-2MS

Manual Integrations APPROVED
mohammad
2/21/2020 2:19:56 PM

Quant Time: Feb 21 10:37:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN021920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 19 15:57:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	1673	0.40	ng		0.00
7) Naphthalene-d8	10.15	136	5951	0.40	ng		-0.03
13) Acenaphthene-d10	14.04	164	3602	0.40	ng		-0.02
19) Phenanthrene-d10	16.79	188	7391	0.40	ng		-0.03
27) Chrysene-d12	21.01	240	8082	0.40	ng		-0.03
34) Perylene-d12	23.11	264	8040	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.07	112	313	0.08	ng		-0.02
5) Phenol-d6	6.63	99	377	0.08	ng		-0.02
8) Nitrobenzene-d5	8.57	82	379	0.08	ng		-0.03
11) 2-Methylnaphthalene-d10	11.75	152	936	0.08	ng		-0.03
14) 2,4,6-Tribromophenol	15.56	330	114	0.08	ng		-0.03
15) 2-Fluorobiphenyl	12.66	172	1151	0.08	ng		-0.03
25) Fluoranthene-d10	18.84	212	1387	0.05	ng		-0.02
29) Terphenyl-d14	19.45	244	4519	0.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	130	0.076	ng	#	62
3) n-Nitrosodimethylamine	3.43	42	181	0.064	ng	#	77
6) bis(2-Chloroethyl)ether	6.87	93	335	0.076	ng		91
9) Naphthalene	10.19	128	151014	9.304	ng	#	94
10) Hexachlorobutadiene	10.49	225	224	0.063	ng	#	100
12) 2-Methylnaphthalene	11.82	142	9384	0.843	ng		98
16) Acenaphthylene	13.75	152	101438	6.606	ng		100
17) Acenaphthene	14.10	154	14975	1.387	ng		98
18) Fluorene	15.10	166	27292	1.915	ng		95
21) Hexachlorobenzene	16.11	284	325	0.071	ng		92
22) Pentachlorophenol	16.47	266	245	0.337	ng		96
23) Phenanthrene	16.83	178	289016	13.139	ng		99
24) Anthracene	16.93	178	92665	4.984	ng		99
26) Fluoranthene	18.87	202	512764	19.469	ng		99
28) Pyrene	19.23	202	470026	15.316	ng		98
30) Benzo(a)anthracene	21.00	228	315861m	11.777	ng		
31) Chrysene	21.05	228	247922	7.990	ng		96
32) Bis(2-ethylhexyl)phthalate	20.95	149	1541	0.118	ng	#	93
33) Indeno(1,2,3-cd)pyrene	25.15	276	202759	6.275	ng		99
35) Benzo(b)fluoranthene	22.50	252	382549	13.015	ng	#	86
36) Benzo(k)fluoranthene	22.54	252	128456m	4.014	ng		
37) Benzo(a)pyrene	23.02	252	302609	11.283	ng	#	81
38) Dibenzo(a,h)anthracene	25.15	278	58033	2.198	ng		97
39) Benzo(g,h,i)perylene	25.77	276	205480	7.305	ng		96

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

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