Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018000.D
Acq On : 14 Dec 2021 12:52
Operator : CG/JU
Sample : M4922-18MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Quant Time: Dec 15 02:19:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 01:08:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	28660	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	117600	0.400	ng		0.00
13) Acenaphthene-d10	14.320	164	72310	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	148557	0.400	ng	#	0.00
29) Chrysene-d12	21.270	240	147275	0.400	ng	#	0.00
35) Perylene-d12	23.546	264	139650	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.319	112	7061	0.114	ng		0.03
5) Phenol-d6	6.886	99	4188	0.067	ng		0.02
8) Nitrobenzene-d5	8.835	82	18284	0.219	ng		0.00
11) 2-Methylnaphthalene-d10	12.065	152	58506m	0.300	ng		0.00
14) 2,4,6-Tribromophenol	15.817	330	8562	0.376	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	69192	0.275	ng		0.00
27) Fluoranthene-d10	19.103	212	146743	0.296	ng		0.00
31) Terphenyl-d14	19.708	244	119403	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	23501m	1.316	ng		
3) n-Nitrosodimethylamine	3.576	42	3663	0.137	ng	#	96
6) bis(2-Chloroethyl)ether	7.117	93	26729	0.363	ng		99
9) Naphthalene	10.521	128	96734	0.328	ng		100
10) Hexachlorobutadiene	10.812	225	24008	0.296	ng	#	100
12) 2-Methylnaphthalene	12.136	142	63730	0.346	ng		100
16) Acenaphthylene	14.028	152	94969	0.318	ng		100
17) Acenaphthene	14.383	154	62654	0.329	ng		99
18) Fluorene	15.373	166	82510	0.353	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	2691	0.364	ng		98
21) 4-Bromophenyl-phenylether	16.263	248	31990	0.356	ng	#	86
22) Hexachlorobenzene	16.385	284	36491	0.340	ng		99
23) Atrazine	16.543	200	21288	0.356	ng		94
24) Pentachlorophenol	16.726	266	23172	0.983	ng		99
25) Phenanthrene	17.103	178	152196m	0.402	ng		
26) Anthracene	17.200	178	136579	0.400	ng		99
28) Fluoranthene	19.132	202	212015	0.450	ng		100
30) Pyrene	19.495	202	217432	0.450	ng		100
32) Benzo(a)anthracene	21.249	228	192830	0.435	ng		100
33) Chrysene	21.302	228	195114	0.413	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	124550	0.573	ng		100
36) Indeno(1,2,3-cd)pyrene	25.881	276	193842	0.415	ng		100
37) Benzo(b)fluoranthene	22.855	252	188505	0.454	ng		100
38) Benzo(k)fluoranthene	22.903	252	186260	0.460	ng		100
39) Benzo(a)pyrene	23.443	252	182905	0.433	ng		100
40) Dibenzo(a,h)anthracene	25.904	278	145327	0.399	ng		99
41) Benzo(g,h,i)perylene	26.593	276	180210	0.412	ng		100

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

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