Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017973.D
Acq On : 13 Dec 2021 15:43
Operator : CG/JU
Sample : M4956-12MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MS

Quant Time: Dec 15 10:46:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	24667	0.400	ng	0.00
7) Naphthalene-d8	10.494	136	107059	0.400	ng	0.00
13) Acenaphthene-d10	14.335	164	69733	0.400	ng	0.00
19) Phenanthrene-d10	17.080	188	144539	0.400	ng	#-0.01
29) Chrysene-d12	21.282	240	125600	0.400	ng	#-0.01
35) Perylene-d12	23.582	264	105484	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.336	112	8261	0.162	ng	0.00
5) Phenol-d6	6.903	99	5470	0.108	ng	0.00
8) Nitrobenzene-d5	8.846	82	23239	0.332	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	58979	0.313	ng	0.00
14) 2,4,6-Tribromophenol	15.832	330	15440	0.738	ng	-0.01
15) 2-Fluorobiphenyl	12.964	172	91616	0.373	ng	0.00
27) Fluoranthene-d10	19.124	212	170782	0.365	ng	0.00
31) Terphenyl-d14	19.730	244	138691	0.448	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.280	88	2126	0.284	ng	# 50
3) n-Nitrosodimethylamine	3.602	42	6083	0.269	ng	# 71
6) bis(2-Chloroethyl)ether	7.143	93	24474	0.395	ng	97
9) Naphthalene	10.532	128	94732	0.356	ng	99
10) Hexachlorobutadiene	10.836	225	23360	0.308	ng	# 100
12) 2-Methylnaphthalene	12.156	142	72269	0.408	ng	99
16) Acenaphthylene	14.055	152	118573	0.455	ng	# 94
17) Acenaphthene	14.398	154	72500	0.401	ng	99
18) Fluorene	15.388	166	101408	0.460	ng	99
20) 4,6-Dinitro-2-methylph...	15.476	198	1574	1.614	ng	# 60
21) 4-Bromophenyl-phenylether	16.277	248	40204	0.485	ng	# 92
22) Hexachlorobenzene	16.399	284	43606	0.404	ng	99
23) Atrazine	16.557	200	37488	0.619	ng	# 92
24) Pentachlorophenol	16.752	266	36861	3.018	ng	98
25) Phenanthrene	17.129	178	186876	0.506	ng	99
26) Anthracene	17.214	178	158710	0.515	ng	100
28) Fluoranthene	19.154	202	223327	0.491	ng	100
30) Pyrene	19.516	202	224554	0.456	ng	99
32) Benzo(a)anthracene	21.272	228	180552	0.498	ng	98
33) Chrysene	21.325	228	184209	0.446	ng	97
34) Bis(2-ethylhexyl)phtha...	21.208	149	142494	1.057	ng	99
36) Indeno(1,2,3-cd)pyrene	25.937	276	113433	0.598	ng	99
37) Benzo(b)fluoranthene	22.887	252	163286	0.469	ng	98
38) Benzo(k)fluoranthene	22.932	252	155944	0.459	ng	98
39) Benzo(a)pyrene	23.479	252	140059	0.452	ng	# 95
40) Dibenzo(a,h)anthracene	25.951	278	86471	0.672	ng	97
41) Benzo(g,h,i)perylene	26.656	276	95604	0.570	ng	99

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

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