Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN018004.D
Acq On : 14 Dec 2021 15:17
Operator : CG/JU
Sample : M4956-13MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW202D1-20211204MSD

Manual Integrations APPROVED

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

Quant Time: Dec 15 02:20:06 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	7.688	152	29166	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	121628	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	78416	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	163299	0.400	ng		0.00
29) Chrysene-d12	21.259	240	165473	0.400	ng		#-0.01
35) Perylene-d12	23.546	264	160912	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.309	112	9709	0.154	ng		0.02
5) Phenol-d6	6.886	99	6810	0.107	ng		0.02
8) Nitrobenzene-d5	8.835	82	30006	0.348	ng		0.00
11) 2-Methylnaphthalene-d10	12.060	152	64827	0.321	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	19134	0.575	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	103527	0.379	ng		0.00
27) Fluoranthene-d10	19.102	212	192559	0.353	ng		0.00
31) Terphenyl-d14	19.708	244	166062	0.482	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	5817m	0.320	ng		
3) n-Nitrosodimethylamine	3.567	42	6368	0.234	ng	#	74
6) bis(2-Chloroethyl)ether	7.117	93	28939	0.387	ng		98
9) Naphthalene	10.508	128	110289	0.361	ng		99
10) Hexachlorobutadiene	10.812	225	27342	0.326	ng	#	100
12) 2-Methylnaphthalene	12.136	142	80967	0.425	ng		100
16) Acenaphthylene	14.028	152	136008	0.419	ng		98
17) Acenaphthene	14.383	154	80670m	0.391	ng		
18) Fluorene	15.372	166	116264	0.459	ng		99
20) 4,6-Dinitro-2-methylph...	15.448	198	9051	0.660	ng		93
21) 4-Bromophenyl-phenylether	16.263	248	46086	0.466	ng	#	84
22) Hexachlorobenzene	16.385	284	48847	0.414	ng		99
23) Atrazine	16.543	200	41962	0.574	ng	#	91
24) Pentachlorophenol	16.725	266	59484	1.814	ng		99
25) Phenanthrene	17.103	178	207598m	0.499	ng		
26) Anthracene	17.188	178	169378	0.451	ng		99
28) Fluoranthene	19.132	202	254506	0.491	ng		100
30) Pyrene	19.495	202	255588	0.471	ng		99
32) Benzo(a)anthracene	21.248	228	236285	0.475	ng		97
33) Chrysene	21.302	228	241832	0.456	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	182743	0.748	ng		99
36) Indeno(1,2,3-cd)pyrene	25.880	276	265921	0.494	ng		99
37) Benzo(b)fluoranthene	22.854	252	247878	0.519	ng	#	97
38) Benzo(k)fluoranthene	22.899	252	236564	0.507	ng	#	96
39) Benzo(a)pyrene	23.443	252	217798	0.447	ng	#	96
40) Dibenzo(a,h)anthracene	25.897	278	216630	0.516	ng		98
41) Benzo(g,h,i)perylene	26.596	276	225495	0.447	ng		99

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

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