Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100121\
Data File : BN016636.D
Acq On : 01 Oct 2021 15:19
Operator : CG/JU
Sample : M3990-07MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-836-K1-SO-1-1.5-092921MSD

Manual Integrations APPROVED
mohammad
10/4/2021 11:47:54 AM

Quant Time: Oct 01 15:49:22 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 13:35:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	28098	0.40	ng		0.00
7) Naphthalene-d8	10.407	136	130369	0.40	ng		0.00
13) Acenaphthene-d10	14.269	164	69665	0.40	ng		0.00
19) Phenanthrene-d10	17.017	188	133491	0.40	ng	#	0.00
29) Chrysene-d12	21.227	240	129105	0.40	ng	#	-0.01
35) Perylene-d12	23.481	264	132717	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	24317	0.34	ng		0.04
5) Phenol-d6	6.831	99	27372	0.35	ng		0.00
8) Nitrobenzene-d5	8.784	82	27310	0.32	ng		0.00
11) 2-Methylnaphthalene-d10	12.003	152	68992	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.766	330	10094	0.32	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	81931	0.29	ng		0.00
27) Fluoranthene-d10	19.068	212	122693	0.35	ng		0.00
31) Terphenyl-d14	19.678	244	87599	0.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	6949m	0.54	ng		
3) n-Nitrosodimethylamine	3.594	42	8562	0.41	ng	#	93
6) bis(2-Chloroethyl)ether	7.080	93	29888	0.39	ng		99
9) Naphthalene	10.457	128	125562	0.35	ng		100
10) Hexachlorobutadiene	10.749	225	23547	0.35	ng	#	100
12) 2-Methylnaphthalene	12.078	142	85126	0.38	ng		99
16) Acenaphthylene	13.990	152	112139	0.37	ng		100
17) Acenaphthene	14.332	154	72855	0.36	ng		99
18) Fluorene	15.322	166	89218	0.37	ng		100
20) 4,6-Dinitro-2-methylph...	15.411	198	1592	0.23	ng	#	92
21) 4-Bromophenyl-phenylether	16.226	248	30982	0.37	ng		97
22) Hexachlorobenzene	16.336	284	33540	0.35	ng		99
23) Atrazine	16.506	200	23873	0.40	ng		100
24) Pentachlorophenol	16.677	266	16265	0.51	ng		99
25) Phenanthrene	17.066	178	143871	0.36	ng		99
26) Anthracene	17.151	178	132138	0.38	ng		100
28) Fluoranthene	19.098	202	165783	0.38	ng		100
30) Pyrene	19.460	202	168725	0.40	ng		100
32) Benzo(a)anthracene	21.217	228	155702	0.39	ng		99
33) Chrysene	21.270	228	157722	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.164	149	146371	0.93	ng		100
36) Indeno(1,2,3-cd)pyrene	25.757	276	188958	0.40	ng		99
37) Benzo(b)fluoranthene	22.803	252	168020	0.39	ng		99
38) Benzo(k)fluoranthene	22.848	252	163906	0.39	ng	#	95
39) Benzo(a)pyrene	23.382	252	158288	0.42	ng		99
40) Dibenzo(a,h)anthracene	25.778	278	149714	0.39	ng		98
41) Benzo(g,h,i)perylene	26.452	276	166575	0.40	ng		99

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

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