Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016439.D
Acq On : 24 Sep 2021 15:32
Operator : CG/JU
Sample : M3782-22MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D1-20210915MSD

Manual Integrations APPROVED
mohammad
9/27/2021 3:00:00 PM

Quant Time: Sep 24 16:13:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	25203	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	113529	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	59171	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	117064	0.40	ng		0.00
29) Chrysene-d12	21.249	240	116146	0.40	ng		# 0.00
35) Perylene-d12	23.519	264	101767	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	6283	0.11	ng		0.02
5) Phenol-d6	6.849	99	4539	0.07	ng		0.00
8) Nitrobenzene-d5	8.810	82	17676	0.22	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	42600	0.25	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	5435	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	61091	0.25	ng		-0.01
27) Fluoranthene-d10	19.088	212	110618	0.34	ng		0.00
31) Terphenyl-d14	19.698	244	111862	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	44787m	4.15	ng		
3) n-Nitrosodimethylamine	3.613	42	2972	0.11	ng	#	71
6) bis(2-Chloroethyl)ether	7.108	93	20148	0.30	ng		94
9) Naphthalene	10.483	128	80059	0.26	ng		99
10) Hexachlorobutadiene	10.774	225	14443	0.24	ng	#	99
12) 2-Methylnaphthalene	12.105	142	52765	0.27	ng		99
16) Acenaphthylene	14.015	152	65938	0.27	ng		99
17) Acenaphthene	14.358	154	46220	0.27	ng		99
18) Fluorene	15.347	166	60609	0.30	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	2193	0.31	ng	#	69
21) 4-Bromophenyl-phenylether	16.251	248	20328	0.30	ng		96
22) Hexachlorobenzene	16.348	284	20012	0.30	ng	#	90
23) Atrazine	16.519	200	14860	0.36	ng	#	90
24) Pentachlorophenol	16.701	266	13764	0.64	ng		99
25) Phenanthrene	17.091	178	111465	0.32	ng		99
26) Anthracene	17.176	178	93783	0.32	ng		99
28) Fluoranthene	19.117	202	135852	0.36	ng		99
30) Pyrene	19.480	202	140220	0.39	ng		99
32) Benzo(a)anthracene	21.238	228	131587	0.39	ng		99
33) Chrysene	21.291	228	136762	0.38	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	76261	0.83	ng		98
36) Indeno(1,2,3-cd)pyrene	25.809	276	116355	0.35	ng		100
37) Benzo(b)fluoranthene	22.834	252	125322	0.37	ng		98
38) Benzo(k)fluoranthene	22.882	252	127049	0.39	ng	#	97
39) Benzo(a)pyrene	23.416	252	101319	0.37	ng		97
40) Dibenzo(a,h)anthracene	25.836	278	97721	0.35	ng		96
41) Benzo(g,h,i)perylene	26.514	276	88022	0.31	ng		95

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

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