Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016443.D
Acq On : 24 Sep 2021 18:35
Operator : CG/JU
Sample : M3911-07MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SW-CB-04-(0.5)MSD

Manual Integrations APPROVED
mohammad
9/27/2021 3:00:08 PM

Quant Time: Sep 25 05:05:35 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	20326	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	92437	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	52004	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	101118	0.40	ng		# 0.00
29) Chrysene-d12	21.259	240	100075	0.40	ng		# 0.01
35) Perylene-d12	23.519	264	93643	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.309	112	5598	0.12	ng		0.03
5) Phenol-d6	6.859	99	4324	0.08	ng		0.00
8) Nitrobenzene-d5	8.810	82	18040	0.28	ng		0.00
11) 2-Methylnaphthalene-d10	12.029	152	54643m	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	6027	0.44	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	54843	0.25	ng		0.00
27) Fluoranthene-d10	19.088	212	122372	0.44	ng		0.00
31) Terphenyl-d14	19.698	244	100413	0.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	3270m	0.38	ng		
3) n-Nitrosodimethylamine	3.613	42	3314	0.16	ng	#	65
6) bis(2-Chloroethyl)ether	7.107	93	18749	0.34	ng		97
9) Naphthalene	10.483	128	96121	0.39	ng		99
10) Hexachlorobutadiene	10.774	225	12325	0.25	ng	#	99
12) 2-Methylnaphthalene	12.105	142	55486	0.36	ng		98
16) Acenaphthylene	14.015	152	74626	0.35	ng		99
17) Acenaphthene	14.357	154	74065	0.49	ng		98
18) Fluorene	15.347	166	117346	0.65	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	2912	0.39	ng	#	71
21) 4-Bromophenyl-phenylether	16.251	248	21198	0.36	ng		99
22) Hexachlorobenzene	16.348	284	19316	0.33	ng	#	89
23) Atrazine	16.531	200	22000	0.53	ng		98
24) Pentachlorophenol	16.701	266	16798	0.80	ng		98
25) Phenanthrene	17.090	178	148432	0.49	ng		98
26) Anthracene	17.176	178	151767	0.61	ng		98
28) Fluoranthene	19.117	202	149787	0.45	ng		99
30) Pyrene	19.480	202	150815	0.48	ng		98
32) Benzo(a)anthracene	21.238	228	145157	0.50	ng		99
33) Chrysene	21.291	228	145957	0.47	ng		99
34) Bis(2-ethylhexyl)phtha...	21.195	149	104639	1.32	ng		98
36) Indeno(1,2,3-cd)pyrene	25.815	276	129620	0.43	ng		99
37) Benzo(b)fluoranthene	22.837	252	138534	0.44	ng		99
38) Benzo(k)fluoranthene	22.882	252	135907	0.45	ng		99
39) Benzo(a)pyrene	23.416	252	124744	0.49	ng	#	91
40) Dibenzo(a,h)anthracene	25.836	278	107139	0.41	ng		96
41) Benzo(g,h,i)perylene	26.514	276	109923	0.41	ng		95

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

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