Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072021\
Data File : BN015621.D
Acq On : 20 Jul 2021 12:33
Operator : CG/JU
Sample : M3083-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : TT-087-RW7-IDWSO-20210715MSD

Quant Time: Jul 20 13:03:27 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:13:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	15726	0.400	ng	# 0.00
7) Naphthalene-d8	10.571	136	72077	0.400	ng	0.00
13) Acenaphthene-d10	14.408	164	38490	0.400	ng	0.00
19) Phenanthrene-d10	17.163	188	70871	0.400	ng	0.00
29) Chrysene-d12	21.365	240	65758	0.400	ng	# 0.00
35) Perylene-d12	23.707	264	64813	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.411	112	14414	0.320	ng	0.04
5) Phenol-d6	6.969	99	18401	0.343	ng	0.02
8) Nitrobenzene-d5	8.936	82	19848	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.158	152	44164	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.905	330	4589	0.368	ng	0.00
15) 2-Fluorobiphenyl	13.038	172	56965	0.367	ng	0.00
27) Fluoranthene-d10	19.202	212	84942	0.397	ng	0.00
31) Terphenyl-d14	19.807	244	71324	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	5398	0.702	ng	# 68
3) n-Nitrosodimethylamine	3.687	42	5485	0.423	ng	# 86
6) bis(2-Chloroethyl)ether	7.218	93	20313	0.424	ng	# 86
9) Naphthalene	10.622	128	79406	0.379	ng	97
10) Hexachlorobutadiene	10.913	225	14712	0.377	ng	# 98
12) 2-Methylnaphthalene	12.234	142	53001	0.399	ng	# 89
16) Acenaphthylene	14.129	152	69314	0.387	ng	98
17) Acenaphthene	14.472	154	45220	0.378	ng	97
18) Fluorene	15.461	166	54971	0.383	ng	99
20) 4,6-Dinitro-2-methylph...	15.550	198	2160	1.186	ng	# 59
21) 4-Bromophenyl-phenylether	16.360	248	17204	0.382	ng	92
22) Hexachlorobenzene	16.482	284	18594	0.367	ng	# 92
23) Atrazine	16.628	200	14946	0.465	ng	93
24) Pentachlorophenol	16.823	266	1880	0.419	ng	99
25) Phenanthrene	17.200	178	87537	0.382	ng	98
26) Anthracene	17.297	178	80334	0.408	ng	99
28) Fluoranthene	19.232	202	100618	0.406	ng	# 96
30) Pyrene	19.599	202	103439	0.409	ng	99
32) Benzo(a)anthracene	21.355	228	97341	0.424	ng	96
33) Chrysene	21.397	228	97745	0.402	ng	99
34) Bis(2-ethylhexyl)phtha...	21.291	149	91862	0.933	ng	# 83
36) Indeno(1,2,3-cd)pyrene	26.110	276	113230	0.489	ng	# 87
37) Benzo(b)fluoranthene	22.998	252	101261	0.398	ng	# 96
38) Benzo(k)fluoranthene	23.043	252	101575	0.396	ng	# 94
39) Benzo(a)pyrene	23.601	252	94964	0.434	ng	# 94
40) Dibenzo(a,h)anthracene	26.127	278	92602	0.509	ng	# 90
41) Benzo(g,h,i)perylene	26.846	276	99223	0.506	ng	# 89

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

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