Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100421\
Data File : BN016739.D
Acq On : 05 Oct 2021 10:00
Operator : CG/JU
Sample : M3829-23MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MW202D-20210918MSD

Quant Time: Oct 05 10:51:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 04 17:52:33 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	24917	0.40	ng		0.00
7) Naphthalene-d8	10.406	136	113466	0.40	ng		0.00
13) Acenaphthene-d10	14.268	164	59643	0.40	ng		0.00
19) Phenanthrene-d10	17.029	188	117954	0.40	ng		0.00
29) Chrysene-d12	21.238	240	118800	0.40	ng		0.00
35) Perylene-d12	23.488	264	126503	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.272	112	7618	0.12	ng		0.02
5) Phenol-d6	6.831	99	4909	0.07	ng		0.00
8) Nitrobenzene-d5	8.784	82	18539	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.002	152	45242	0.27	ng		0.00
14) 2,4,6-Tribromophenol	15.765	330	9674	0.40	ng		-0.01
15) 2-Fluorobiphenyl	12.898	172	57660	0.24	ng		0.00
27) Fluoranthene-d10	19.067	212	128848	0.40	ng		0.00
31) Terphenyl-d14	19.678	244	106752	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.262	88	5767	0.50	ng	#	64
3) n-Nitrosodimethylamine	3.585	42	2003	0.11	ng	#	80
6) bis(2-Chloroethyl)ether	7.080	93	19185	0.28	ng		100
9) Naphthalene	10.457	128	83101	0.27	ng		100
10) Hexachlorobutadiene	10.748	225	13593	0.23	ng	#	100
12) 2-Methylnaphthalene	12.078	142	54918	0.28	ng		100
16) Acenaphthylene	13.989	152	74830	0.28	ng		100
17) Acenaphthene	14.332	154	47341	0.27	ng		99
18) Fluorene	15.321	166	62564	0.30	ng		99
20) 4,6-Dinitro-2-methylph...	15.410	198	2729	0.54	ng	#	69
21) 4-Bromophenyl-phenylether	16.226	248	21570	0.30	ng	#	90
22) Hexachlorobenzene	16.336	284	23531	0.29	ng		100
23) Atrazine	16.506	200	22165	0.39	ng		98
24) Pentachlorophenol	16.676	266	24009	0.94	ng		99
25) Phenanthrene	17.066	178	118792	0.34	ng		100
26) Anthracene	17.151	178	108443	0.35	ng		99
28) Fluoranthene	19.097	202	161237	0.42	ng		100
30) Pyrene	19.460	202	165295	0.42	ng		100
32) Benzo(a)anthracene	21.216	228	172083	0.47	ng		99
33) Chrysene	21.270	228	172103	0.46	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	137796	0.62	ng		100
36) Indeno(1,2,3-cd)pyrene	25.767	276	214775	0.53	ng		100
37) Benzo(b)fluoranthene	22.810	252	191470	0.47	ng		100
38) Benzo(k)fluoranthene	22.854	252	181053	0.46	ng		100
39) Benzo(a)pyrene	23.388	252	175823	0.48	ng		99
40) Dibenzo(a,h)anthracene	25.791	278	173784	0.55	ng		100
41) Benzo(g,h,i)perylene	26.469	276	187926	0.53	ng		99

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

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