Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030962.D
Acq On : 16 Apr 2024 07:14
Operator : MA/JU
Sample : P2073-05MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RSB-01B-23-041024MSD

Quant Time: Apr 16 07:45:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	5905	0.400	ng	0.00
7) Naphthalene-d8	10.421	136	18167	0.400	ng	#-0.01
13) Acenaphthene-d10	14.284	164	10602	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	25024	0.400	ng	0.00
29) Chrysene-d12	21.240	240	23886	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	25541	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	2470	0.188	ng	0.00
5) Phenol-d6	6.823	99	1959	0.123	ng	0.00
8) Nitrobenzene-d5	8.798	82	4157	0.331	ng	0.00
11) 2-Methylnaphthalene-d10	12.020	152	11183	0.400	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	1604	0.390	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	10984	0.308	ng	0.00
27) Fluoranthene-d10	19.075	212	27410	0.407	ng	0.00
31) Terphenyl-d14	19.679	244	22762	0.410	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	2054	0.283	ng	# 1
3) n-Nitrosodimethylamine	3.508	42	1012	0.149	ng	# 96
6) bis(2-Chloroethyl)ether	7.083	93	5452	0.346	ng	97
9) Naphthalene	10.474	128	17074	0.341	ng	100
10) Hexachlorobutadiene	10.752	225	3124	0.311	ng	# 99
12) 2-Methylnaphthalene	12.092	142	11690	0.351	ng	99
16) Acenaphthylene	14.006	152	16961	0.363	ng	100
17) Acenaphthene	14.348	154	11515	0.349	ng	98
18) Fluorene	15.342	166	15880	0.364	ng	100
20) 4,6-Dinitro-2-methylph...	15.428	198	1052	0.380	ng	# 84
21) 4-Bromophenyl-phenylether	16.233	248	5457	0.367	ng	# 85
22) Hexachlorobenzene	16.333	284	6213	0.358	ng	98
23) Atrazine	16.507	200	4348	0.404	ng	# 94
24) Pentachlorophenol	16.680	266	4897	0.827	ng	99
25) Phenanthrene	17.078	178	29189	0.395	ng	100
26) Anthracene	17.164	178	23962	0.392	ng	100
28) Fluoranthene	19.103	202	35136	0.397	ng	99
30) Pyrene	19.470	202	36870	0.398	ng	100
32) Benzo(a)anthracene	21.222	228	37268	0.448	ng	98
33) Chrysene	21.267	228	37015	0.409	ng	98
34) Bis(2-ethylhexyl)phtha...	21.160	149	24846	0.652	ng	98
36) Indeno(1,2,3-cd)pyrene	25.682	276	42859	0.361	ng	99
37) Benzo(b)fluoranthene	22.785	252	38486	0.365	ng	98
38) Benzo(k)fluoranthene	22.831	252	38903	0.377	ng	98
39) Benzo(a)pyrene	23.355	252	33810	0.385	ng	97
40) Dibenzo(a,h)anthracene	25.699	278	33504	0.352	ng	97
41) Benzo(g,h,i)perylene	26.363	276	34498	0.329	ng	99

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

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