Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033820.D
Acq On : 09 Sep 2024 17:14
Operator : MA/JU
Sample : P3886-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-090624MSD

Quant Time: Sep 10 03:17:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4681	0.400	ng	0.00
7) Naphthalene-d8	10.261	136	11929	0.400	ng	-0.01
13) Acenaphthene-d10	14.146	164	5419	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	10861	0.400	ng	#-0.01
29) Chrysene-d12	21.112	240	8580	0.400	ng	# 0.00
35) Perylene-d12	23.262	264	9061	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	1727	0.121	ng	0.00
5) Phenol-d6	6.700	99	1392	0.082	ng	0.00
8) Nitrobenzene-d5	8.638	82	3255	0.320	ng	-0.01
11) 2-Methylnaphthalene-d10	11.862	152	5957	0.353	ng	-0.01
14) 2,4,6-Tribromophenol	15.651	330	842	0.308	ng	0.00
15) 2-Fluorobiphenyl	12.756	172	7603	0.337	ng	-0.01
27) Fluoranthene-d10	18.938	212	10238	0.382	ng	0.00
31) Terphenyl-d14	19.555	244	7487	0.409	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	3150	0.592	ng	# 1
3) n-Nitrosodimethylamine	3.457	42	1012	0.162	ng	# 93
6) bis(2-Chloroethyl)ether	6.953	93	4189	0.327	ng	99
9) Naphthalene	10.314	128	10426	0.327	ng	98
10) Hexachlorobutadiene	10.613	225	1652	0.249	ng	# 100
12) 2-Methylnaphthalene	11.937	142	6412	0.328	ng	97
16) Acenaphthylene	13.857	152	8293	0.354	ng	99
17) Acenaphthene	14.210	154	5670	0.353	ng	99
18) Fluorene	15.204	166	7293	0.368	ng	100
20) 4,6-Dinitro-2-methylph...	15.290	198	636	0.371	ng	# 67
21) 4-Bromophenyl-phenylether	16.098	248	2225	0.354	ng	# 79
22) Hexachlorobenzene	16.209	284	2432	0.337	ng	96
23) Atrazine	16.383	200	1911	0.380	ng	# 94
24) Pentachlorophenol	16.557	266	2030	0.688	ng	99
25) Phenanthrene	16.942	178	11968	0.400	ng	100
26) Anthracene	17.029	178	10024	0.385	ng	100
28) Fluoranthene	18.970	202	13366	0.398	ng	100
30) Pyrene	19.333	202	14057	0.407	ng	100
32) Benzo(a)anthracene	21.094	228	12471	0.407	ng	98
33) Chrysene	21.148	228	12557	0.414	ng	97
34) Bis(2-ethylhexyl)phtha...	21.050	149	6721	0.402	ng	99
36) Indeno(1,2,3-cd)pyrene	25.393	276	12397	0.331	ng	98
37) Benzo(b)fluoranthene	22.622	252	12202	0.366	ng	99
38) Benzo(k)fluoranthene	22.665	252	12445	0.383	ng	99
39) Benzo(a)pyrene	23.168	252	10426	0.375	ng	98
40) Dibenzo(a,h)anthracene	25.408	278	9986	0.333	ng	99
41) Benzo(g,h,i)perylene	26.033	276	9016	0.277	ng	99

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

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