Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031501.D
Acq On : 13 May 2024 14:40
Operator : MA/JU
Sample : P2445-05MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RMW-01B-83-050924MSD

Quant Time: May 13 15:34:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	9907	0.400	ng		-0.01
7) Naphthalene-d8	10.485	136	30891	0.400	ng		#-0.01
13) Acenaphthene-d10	14.338	164	15777	0.400	ng		-0.01
19) Phenanthrene-d10	17.078	188	35406	0.400	ng		-0.01
29) Chrysene-d12	21.265	240	29547	0.400	ng		0.00
35) Perylene-d12	23.499	264	29158	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	3696	0.131	ng		0.00
5) Phenol-d6	6.866	99	3270	0.086	ng		0.00
8) Nitrobenzene-d5	8.851	82	7308	0.330	ng		-0.01
11) 2-Methylnaphthalene-d10	12.077	152	17930m	0.360	ng		-0.02
14) 2,4,6-Tribromophenol	15.825	330	1420	0.237	ng		-0.01
15) 2-Fluorobiphenyl	12.959	172	26553	0.437	ng		-0.02
27) Fluoranthene-d10	19.110	212	29660	0.302	ng		0.00
31) Terphenyl-d14	19.718	244	25700	0.355	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	6978	0.573	ng		92
3) n-Nitrosodimethylamine	3.544	42	2242	0.186	ng	#	82
6) bis(2-Chloroethyl)ether	7.133	93	10637	0.322	ng		93
9) Naphthalene	10.538	128	27575	0.321	ng		96
10) Hexachlorobutadiene	10.827	225	4336	0.288	ng	#	99
12) 2-Methylnaphthalene	12.153	142	17450	0.298	ng		99
16) Acenaphthylene	14.050	152	25114	0.316	ng		100
17) Acenaphthene	14.402	154	16136	0.326	ng		96
18) Fluorene	15.386	166	21085	0.326	ng		99
20) 4,6-Dinitro-2-methylph...	15.461	198	1121	0.387	ng	#	42
21) 4-Bromophenyl-phenylether	16.284	248	6425	0.310	ng		93
22) Hexachlorobenzene	16.383	284	7183	0.343	ng		95
23) Atrazine	16.557	200	3757	0.200	ng		98
24) Pentachlorophenol	16.731	266	4516	0.611	ng		98
25) Phenanthrene	17.115	178	35859	0.362	ng		100
26) Anthracene	17.215	178	30205	0.308	ng		99
28) Fluoranthene	19.142	202	38988	0.324	ng		99
30) Pyrene	19.504	202	39461	0.330	ng		99
32) Benzo(a)anthracene	21.247	228	34661	0.304	ng		99
33) Chrysene	21.300	228	38054	0.351	ng		99
34) Bis(2-ethylhexyl)phtha...	21.202	149	9582	0.144	ng		95
36) Indeno(1,2,3-cd)pyrene	25.764	276	26147	0.225	ng		97
37) Benzo(b)fluoranthene	22.826	252	32041	0.306	ng	#	96
38) Benzo(k)fluoranthene	22.873	252	37667m	0.380	ng		
39) Benzo(a)pyrene	23.402	252	26617	0.292	ng	#	93
40) Dibenzo(a,h)anthracene	25.782	278	21713	0.236	ng		95
41) Benzo(g,h,i)perylene	26.449	276	22274	0.225	ng		97

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

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