Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020524\
Data File : BN029525.D
Acq On : 06 Feb 2024 01:58
Operator : MA/JU
Sample : P1345-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT-278-IDWSO-20240201-1MS

Quant Time: Feb 06 04:24:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	4128	0.400	ng	0.00
7) Naphthalene-d8	10.690	136	10979	0.400	ng	0.00
13) Acenaphthene-d10	14.533	164	4555	0.400	ng	0.00
19) Phenanthrene-d10	17.280	188	7928	0.400	ng	0.00
29) Chrysene-d12	21.479	240	5271	0.400	ng	-0.01
35) Perylene-d12	23.863	264	5580	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.464	112	3548	0.358	ng	0.00
5) Phenol-d6	7.060	99	4169	0.364	ng	0.00
8) Nitrobenzene-d5	9.057	82	3143	0.344	ng	0.00
11) 2-Methylnaphthalene-d10	12.280	152	6646	0.445	ng	0.00
14) 2,4,6-Tribromophenol	16.027	330	432	0.296	ng	0.00
15) 2-Fluorobiphenyl	13.153	172	6739	0.345	ng	-0.01
27) Fluoranthene-d10	19.318	212	5967	0.311	ng	0.00
31) Terphenyl-d14	19.921	244	3913	0.299	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	1882	0.324	ng	# 62
3) n-Nitrosodimethylamine	3.702	42	1467	0.310	ng	# 72
6) bis(2-Chloroethyl)ether	7.327	93	4119	0.377	ng	97
9) Naphthalene	10.733	128	12139	0.388	ng	99
10) Hexachlorobutadiene	11.021	225	1941	0.327	ng	# 100
12) 2-Methylnaphthalene	12.356	142	7022	0.382	ng	99
16) Acenaphthylene	14.244	152	8565	0.396	ng	99
17) Acenaphthene	14.597	154	5461	0.376	ng	99
18) Fluorene	15.580	166	6581	0.361	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	398	0.342	ng	# 77
21) 4-Bromophenyl-phenylether	16.474	248	1847	0.391	ng	93
22) Hexachlorobenzene	16.573	284	2004	0.346	ng	100
23) Atrazine	16.759	200	1205	0.359	ng	96
24) Pentachlorophenol	16.933	266	361	0.197	ng	99
25) Phenanthrene	17.318	178	9884	0.422	ng	100
26) Anthracene	17.417	178	8025	0.402	ng	99
28) Fluoranthene	19.350	202	10148	0.385	ng	98
30) Pyrene	19.712	202	10569	0.436	ng	100
32) Benzo(a)anthracene	21.470	228	8094	0.449	ng	99
33) Chrysene	21.514	228	8517	0.416	ng	99
34) Bis(2-ethylhexyl)phtha...	21.416	149	4997	0.407	ng	99
36) Indeno(1,2,3-cd)pyrene	26.316	276	9999	0.446	ng	# 90
37) Benzo(b)fluoranthene	23.138	252	8300	0.416	ng	94
38) Benzo(k)fluoranthene	23.185	252	8288	0.397	ng	93
39) Benzo(a)pyrene	23.752	252	7727	0.444	ng	95
40) Dibenzo(a,h)anthracene	26.351	278	7725	0.432	ng	99
41) Benzo(g,h,i)perylene	27.070	276	9019	0.415	ng	96

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

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