Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051923\
Data File : BN025499.D
Acq On : 19 May 2023 22:39
Operator : CG/JU
Sample : 02832-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-22-K2-SO-69.5-051723MSD

Quant Time: May 20 00:32:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.077	152	5704	0.400	ng	0.00
7) Naphthalene-d8	10.899	136	15983	0.400	ng	0.00
13) Acenaphthene-d10	14.705	164	9141	0.400	ng	0.00
19) Phenanthrene-d10	17.447	188	19570	0.400	ng	# 0.00
29) Chrysene-d12	21.616	240	12675	0.400	ng	#-0.02
35) Perylene-d12	24.138	264	10282	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.614	112	4053	0.315	ng	0.00
5) Phenol-d6	7.218	99	5331	0.323	ng	0.00
8) Nitrobenzene-d5	9.234	82	3384	0.265	ng	0.00
11) 2-Methylnaphthalene-d10	12.472	152	7714	0.347	ng	0.00
14) 2,4,6-Tribromophenol	16.181	330	807	0.226	ng	-0.01
15) 2-Fluorobiphenyl	13.336	172	9844	0.281	ng	0.00
27) Fluoranthene-d10	19.464	212	12355	0.273	ng	0.00
31) Terphenyl-d14	20.058	244	8218	0.365	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.455	88	2169	0.373	ng	# 70
3) n-Nitrosodimethylamine	3.780	42	2604	0.406	ng	# 98
6) bis(2-Chloroethyl)ether	7.485	93	8388	0.522	ng	# 85
9) Naphthalene	10.942	128	16381	0.403	ng	99
10) Hexachlorobutadiene	11.230	225	3056	0.396	ng	# 99
12) 2-Methylnaphthalene	12.547	142	10941	0.372	ng	99
16) Acenaphthylene	14.427	152	16261	0.390	ng	100
17) Acenaphthene	14.769	154	11172	0.406	ng	99
18) Fluorene	15.747	166	13313	0.391	ng	97
20) 4,6-Dinitro-2-methylph...	15.809	198	1691	0.416	ng	87
21) 4-Bromophenyl-phenylether	16.628	248	4956	0.430	ng	# 78
22) Hexachlorobenzene	16.752	284	4385	0.407	ng	97
23) Atrazine	16.901	200	3798	0.405	ng	100
24) Pentachlorophenol	17.087	266	2414	0.445	ng	99
25) Phenanthrene	17.485	178	23087	0.403	ng	99
26) Anthracene	17.572	178	20623	0.384	ng	99
28) Fluoranthene	19.498	202	24234	0.372	ng	# 96
30) Pyrene	19.857	202	25151	0.497	ng	100
32) Benzo(a)anthracene	21.598	228	19024	0.414	ng	99
33) Chrysene	21.661	228	18951	0.416	ng	99
34) Bis(2-ethylhexyl)phtha...	21.518	149	14473	0.536	ng	98
36) Indeno(1,2,3-cd)pyrene	26.778	276	14352	0.345	ng	99
37) Benzo(b)fluoranthene	23.360	252	17094	0.448	ng	# 95
38) Benzo(k)fluoranthene	23.416	252	16753	0.429	ng	# 95
39) Benzo(a)pyrene	24.018	252	13110	0.365	ng	# 92
40) Dibenzo(a,h)anthracene	26.804	278	11594	0.348	ng	93
41) Benzo(g,h,i)perylene	27.588	276	11818	0.336	ng	95

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

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