Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027670.D
Acq On : 14 Sep 2023 07:46
Operator : MA/JU
Sample : 04287-02MS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-11B-37.5-090123MS

Quant Time: Sep 14 08:23:18 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6312	0.400	ng	0.00
7) Naphthalene-d8	10.842	136	16647	0.400	ng	-0.01
13) Acenaphthene-d10	14.651	164	7723	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	15480	0.400	ng	# 0.00
29) Chrysene-d12	21.578	240	11311	0.400	ng	0.00
35) Perylene-d12	24.080	264	10015	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	3287	0.200	ng	0.00
5) Phenol-d6	7.178	99	2230	0.111	ng	0.00
8) Nitrobenzene-d5	9.219	82	6170	0.509	ng	-0.01
11) 2-Methylnaphthalene-d10	12.419	152	9536	0.390	ng	-0.01
14) 2,4,6-Tribromophenol	16.152	330	1451	0.508	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	15566	0.530	ng	-0.01
27) Fluoranthene-d10	19.425	212	17709	0.460	ng	0.00
31) Terphenyl-d14	20.011	244	15592	0.686	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.466	88	226840	29.438	ng	# 95
3) n-Nitrosodimethylamine	3.812	42	1050	0.128	ng	92
6) bis(2-Chloroethyl)ether	7.459	93	7066	0.365	ng	98
9) Naphthalene	10.895	128	17294	0.381	ng	100
10) Hexachlorobutadiene	11.120	225	3085	0.364	ng	# 98
12) 2-Methylnaphthalene	12.494	142	10340	0.320	ng	99
16) Acenaphthylene	14.384	152	13474	0.383	ng	100
17) Acenaphthene	14.715	154	9089	0.388	ng	99
18) Fluorene	15.693	166	12083	0.386	ng	100
20) 4,6-Dinitro-2-methylph...	16.847	198	89	0.404	ng	# 42
21) 4-Bromophenyl-phenylether	16.586	248	3495	0.428	ng	# 93
22) Hexachlorobenzene	16.673	284	4122	0.426	ng	94
23) Atrazine	16.847	200	2616	0.428	ng	# 92
24) Pentachlorophenol	17.033	266	3199	0.859	ng	100
25) Phenanthrene	17.443	178	19383	0.426	ng	100
26) Anthracene	17.530	178	15350	0.397	ng	99
28) Fluoranthene	19.453	202	20857	0.390	ng	99
30) Pyrene	19.820	202	21510	0.478	ng	100
32) Benzo(a)anthracene	21.560	228	18062	0.466	ng	99
33) Chrysene	21.623	228	18103	0.425	ng	99
34) Bis(2-ethylhexyl)phtha...	21.435	149	11391	0.609	ng	97
36) Indeno(1,2,3-cd)pyrene	26.709	276	17727	0.436	ng	99
37) Benzo(b)fluoranthene	23.303	252	17489	0.451	ng	96
38) Benzo(k)fluoranthene	23.355	252	16497	0.414	ng	97
39) Benzo(a)pyrene	23.969	252	12946	0.357	ng	94
40) Dibenzo(a,h)anthracene	26.732	278	14340	0.450	ng	99
41) Benzo(g,h,i)perylene	27.527	276	15524	0.420	ng	99

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

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