Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028377.D
Acq On : 24 Oct 2023 14:22
Operator : MA/JU
Sample : 04938-18
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
0-3(5-10)

Quant Time: Oct 25 01:05:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4299	0.400	ng	# 0.00
7) Naphthalene-d8	10.692	136	14623	0.400	ng	#-0.01
13) Acenaphthene-d10	14.523	164	10138	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	13960	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	9850	0.400	ng	# 0.00
35) Perylene-d12	23.925	264	11071	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.415	112	3018	0.226	ng	-0.01
5) Phenol-d6	7.048	99	3437	0.209	ng	0.00
8) Nitrobenzene-d5	9.070	82	2735	0.211	ng	-0.03
11) 2-Methylnaphthalene-d10	12.275	152	4176	0.190	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	526	0.106	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	5491	0.154	ng	-0.02
27) Fluoranthene-d10	19.318	212	5465	0.146	ng	0.00
31) Terphenyl-d14	19.908	244	4507	0.216	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	456	0.088	ng	# 61
3) n-Nitrosodimethylamine	3.660	42	640	0.113	ng	# 82
9) Naphthalene	10.757	128	20228067	533.296	ng	100
10) Hexachlorobutadiene	10.959	225	621	0.095	ng	# 97
12) 2-Methylnaphthalene	12.355	142	4173155	154.826	ng	98
16) Acenaphthylene	14.245	152	33792	0.742	ng	# 45
17) Acenaphthene	14.587	154	43927	1.530	ng	# 83
18) Fluorene	15.568	166	101470	2.685	ng	# 97
21) 4-Bromophenyl-phenylether	16.462	248	826	0.115	ng	# 34
22) Hexachlorobenzene	16.549	284	716	0.097	ng	# 56
23) Atrazine	16.748	200	763	0.113	ng	# 52
25) Phenanthrene	17.319	178	137208	3.591	ng	99
26) Anthracene	17.418	178	13566	0.372	ng	# 83
28) Fluoranthene	19.351	202	19472	0.406	ng	# 85
30) Pyrene	19.718	202	21448	0.636	ng	# 92
32) Benzo(a)anthracene	21.462	228	7964	0.228	ng	# 87
33) Chrysene	21.524	228	8060	0.241	ng	# 84
34) Bis(2-ethylhexyl)phtha...	21.336	149	6330	0.237	ng	96
36) Indeno(1,2,3-cd)pyrene	26.489	276	5264	0.118	ng	98
37) Benzo(b)fluoranthene	23.174	252	6589	0.190	ng	# 61
38) Benzo(k)fluoranthene	23.221	252	4509	0.128	ng	# 49
39) Benzo(a)pyrene	23.817	252	5222	0.152	ng	# 52
40) Dibenzo(a,h)anthracene	26.504	278	3424	0.094	ng	# 44
41) Benzo(g,h,i)perylene	27.293	276	4493	0.120	ng	# 72

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

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