Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111322\
Data File : BN022631.D
Acq On : 12 Nov 2022 16:25
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 14 01:38:59 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 14 01:35:37 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.891	152	2041	0.400	ng	0.00
7) Naphthalene-d8	10.709	136	5635	0.400	ng	#-0.01
13) Acenaphthene-d10	14.568	164	3444	0.400	ng	0.00
19) Phenanthrene-d10	17.325	188	7143	0.400	ng	0.00
29) Chrysene-d12	21.537	240	6523	0.400	ng	0.00
35) Perylene-d12	23.979	264	5705	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.429	112	28069	4.755	ng	0.00
5) Phenol-d6	7.068	99	36205	4.908	ng	0.00
8) Nitrobenzene-d5	9.065	82	29935	5.587	ng	-0.01
11) 2-Methylnaphthalene-d10	12.311	152	47754	5.198	ng	0.00
14) 2,4,6-Tribromophenol	16.071	330	10005	6.006	ng	0.00
15) 2-Fluorobiphenyl	13.188	172	70007	4.994	ng	0.00
27) Fluoranthene-d10	19.369	212	106800	5.430	ng	0.00
31) Terphenyl-d14	19.968	244	100195	4.954	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.233	88	13100	4.550	ng	# 91
3) n-Nitrosodimethylamine	3.573	42	14900	5.063	ng	# 95
6) bis(2-Chloroethyl)ether	7.314	93	31614	4.875	ng	99
9) Naphthalene	10.763	128	84757	5.097	ng	97
10) Hexachlorobutadiene	11.040	225	14947	4.847	ng	# 99
12) 2-Methylnaphthalene	12.035	142	21304	6.269	ng	# 78
16) Acenaphthylene	14.290	152	91362	5.763	ng	100
17) Acenaphthene	14.632	154	56155	5.167	ng	99
18) Fluorene	15.615	166	76868	5.222	ng	98
20) 4,6-Dinitro-2-methylph...	15.711	198	9002	8.397	ng	# 1
21) 4-Bromophenyl-phenylether	16.518	248	22091	5.244	ng	# 92
22) Hexachlorobenzene	16.630	284	23938	4.878	ng	99
23) Atrazine	16.791	200	20837	5.818	ng	95
24) Pentachlorophenol	16.978	266	13088	6.979	ng	99
25) Phenanthrene	17.362	178	119169	5.175	ng	99
26) Anthracene	17.462	178	108919	5.538	ng	99
28) Fluoranthene	19.399	202	132536	5.310	ng	100
30) Pyrene	19.765	202	134917	5.078	ng	100
32) Benzo(a)anthracene	21.519	228	127321	5.308	ng	97
33) Chrysene	21.573	228	124579	5.038	ng	98
34) Bis(2-ethylhexyl)phtha...	21.439	149	90478	6.537	ng	100
36) Indeno(1,2,3-cd)pyrene	26.528	276	131151	4.866	ng	99
37) Benzo(b)fluoranthene	23.227	252	117653	5.095	ng	# 87
38) Benzo(k)fluoranthene	23.277	252	118020	5.122	ng	# 88
39) Benzo(a)pyrene	23.865	252	97274	5.183	ng	# 82
40) Dibenzo(a,h)anthracene	26.549	278	105827	4.882	ng	# 89
41) Benzo(g,h,i)perylene	27.318	276	106496	4.669	ng	93

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

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