Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081722\
Data File : BN021278.D
Acq On : 17 Aug 2022 11:33
Operator : CG/JU
Sample : N4169-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE133D1-20220809MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/18/2022
Supervised By :Jagrut Upadhyay 08/18/2022

Quant Time: Aug 18 06:41:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN081622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 16 09:19:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.783	152	3275	0.400	ng	0.00
7) Naphthalene-d8	10.571	136	11739	0.400	ng	#-0.01
13) Acenaphthene-d10	14.429	164	6523	0.400	ng	0.00
19) Phenanthrene-d10	17.182	188	12206	0.400	ng	0.00
29) Chrysene-d12	21.395	240	7834	0.400	ng	0.00
35) Perylene-d12	23.726	264	6095	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.386	112	1010	0.124	ng	0.00
5) Phenol-d6	7.011	99	654	0.069	ng	0.03
8) Nitrobenzene-d5	8.958	82	2058	0.321	ng	0.00
11) 2-Methylnaphthalene-d10	12.179	152	7143	0.350	ng	0.00
14) 2,4,6-Tribromophenol	15.941	330	544	0.255	ng	0.00
15) 2-Fluorobiphenyl	13.060	172	8046	0.310	ng	0.00
27) Fluoranthene-d10	19.223	212	11968	0.361	ng	0.00
31) Terphenyl-d14	19.830	244	7623	0.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	2807	0.614	ng	# 85
3) n-Nitrosodimethylamine	3.602	42	345	0.267	ng	# 68
6) bis(2-Chloroethyl)ether	7.220	93	3413	0.424	ng	91
9) Naphthalene	10.624	128	11617	0.327	ng	100
10) Hexachlorobutadiene	10.912	225	1821	0.286	ng	# 99
12) 2-Methylnaphthalene	12.255	142	7467	0.308	ng	100
16) Acenaphthylene	14.151	152	9459	0.302	ng	100
17) Acenaphthene	14.493	154	7099	0.330	ng	100
18) Fluorene	15.487	166	8854	0.323	ng	99
20) 4,6-Dinitro-2-methylph...	15.615	198	317	0.414	ng	98
21) 4-Bromophenyl-phenylether	16.382	248	2459	0.328	ng	# 87
22) Hexachlorobenzene	16.495	284	2827	0.335	ng	96
23) Atrazine	16.659	200	1483	0.308	ng	98
24) Pentachlorophenol	16.854	266	1285	0.676	ng	96
25) Phenanthrene	17.223	178	14032	0.345	ng	100
26) Anthracene	17.315	178	11191	0.330	ng	99
28) Fluoranthene	19.256	202	15042	0.354	ng	100
30) Pyrene	19.619	202	15446	0.383	ng	99
32) Benzo(a)anthracene	21.377	228	8271	0.324	ng	99
33) Chrysene	21.431	228	11565	0.365	ng	99
34) Bis(2-ethylhexyl)phtha...	21.314	149	5919	0.340	ng	100
36) Indeno(1,2,3-cd)pyrene	26.135	276	8356	0.310	ng	# 83
37) Benzo(b)fluoranthene	23.018	252	9087	0.357	ng	100
38) Benzo(k)fluoranthene	23.068	252	9681m	0.377	ng	
39) Benzo(a)pyrene	23.626	252	7718	0.364	ng	98
40) Dibenzo(a,h)anthracene	26.152	278	6950	0.333	ng	99
41) Benzo(g,h,i)perylene	26.866	276	6640	0.274	ng	98

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

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