Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053023\
Data File : BN025719.D
Acq On : 30 May 2023 15:58
Operator : CG/JU
Sample : 02880-13MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT158l1-20230519MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/31/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 30 17:31:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6508	0.400	ng	0.00
7) Naphthalene-d8	10.824	136	18881	0.400	ng	#-0.01
13) Acenaphthene-d10	14.640	164	10660	0.400	ng	-0.01
19) Phenanthrene-d10	17.393	188	22138	0.400	ng	# 0.00
29) Chrysene-d12	21.569	240	15114	0.400	ng	0.00
35) Perylene-d12	24.063	264	13042	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.557	112	2078	0.125	ng	0.00
5) Phenol-d6	7.174	99	1608	0.080	ng	0.00
8) Nitrobenzene-d5	9.180	82	4525	0.286	ng	-0.01
11) 2-Methylnaphthalene-d10	12.415	152	10076	0.374	ng	0.00
14) 2,4,6-Tribromophenol	16.139	330	991	0.460	ng	-0.01
15) 2-Fluorobiphenyl	13.272	172	13057	0.297	ng	-0.01
27) Fluoranthene-d10	19.416	212	19830	0.395	ng	0.00
31) Terphenyl-d14	20.006	244	12194	0.368	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	3011	0.400	ng	# 89
3) n-Nitrosodimethylamine	3.758	42	742	0.091	ng	# 89
6) bis(2-Chloroethyl)ether	7.427	93	7673	0.373	ng	98
9) Naphthalene	10.878	128	17114	0.331	ng	99
10) Hexachlorobutadiene	11.166	225	2552	0.285	ng	# 96
12) 2-Methylnaphthalene	12.483	142	11242	0.316	ng	98
16) Acenaphthylene	14.373	152	16144	0.321	ng	99
17) Acenaphthene	14.705	154	10987	0.332	ng	99
18) Fluorene	15.693	166	14597	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	15.767	198	1354	0.549	ng	# 64
21) 4-Bromophenyl-phenylether	16.574	248	4131	0.329	ng	91
22) Hexachlorobenzene	16.698	284	3725	0.324	ng	98
23) Atrazine	16.835	200	4165	0.415	ng	98
24) Pentachlorophenol	17.046	266	2500	1.474	ng	# 86
25) Phenanthrene	17.430	178	24714	0.367	ng	99
26) Anthracene	17.530	178	21223	0.348	ng	100
28) Fluoranthene	19.449	202	28032	0.382	ng	99
30) Pyrene	19.811	202	28814	0.392	ng	99
32) Benzo(a)anthracene	21.560	228	22559	0.401	ng	99
33) Chrysene	21.614	228	22783	0.373	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	17118	0.499	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.659	276	17145	0.343	ng	# 83
37) Benzo(b)fluoranthene	23.300	252	20472	0.412	ng	97
38) Benzo(k)fluoranthene	23.350	252	19892	0.385	ng	97
39) Benzo(a)pyrene	23.952	252	16518	0.348	ng	97
40) Dibenzo(a,h)anthracene	26.691	278	14994m	0.379	ng	
41) Benzo(g,h,i)perylene	27.454	276	14094	0.312	ng	99

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

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