Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024339.D
Acq On : 17 Mar 2023 10:46
Operator : CG/JU
Sample : 01880-04MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE115D2-20230309MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/20/2023
Supervised By :Jagrut Upadhyay 03/20/2023

Quant Time: Mar 17 22:41:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	9864	0.400	ng		0.00
7) Naphthalene-d8	10.855	136	29237	0.400	ng		# 0.00
13) Acenaphthene-d10	14.675	164	13934	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	28957	0.400	ng		# 0.00
29) Chrysene-d12	21.610	240	20321	0.400	ng		0.00
35) Perylene-d12	24.126	264	14902	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	3405	0.156	ng		0.00
5) Phenol-d6	7.188	99	3419	0.122	ng		0.00
8) Nitrobenzene-d5	9.200	82	5515	0.282	ng		0.00
11) 2-Methylnaphthalene-d10	12.437	152	8558	0.238	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1554	0.218	ng		0.00
15) 2-Fluorobiphenyl	13.296	172	14062	0.267	ng		-0.01
27) Fluoranthene-d10	19.446	212	18988	0.309	ng		0.00
31) Terphenyl-d14	20.034	244	12151	0.355	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	88877	8.281	ng		96
3) n-Nitrosodimethylamine	3.764	42	2002	0.127	ng		93
6) bis(2-Chloroethyl)ether	7.455	93	8800	0.316	ng		94
9) Naphthalene	10.909	128	19630	0.264	ng		100
10) Hexachlorobutadiene	11.197	225	3426	0.243	ng	#	100
12) 2-Methylnaphthalene	12.509	142	11818	0.235	ng		99
16) Acenaphthylene	14.397	152	15317	0.232	ng		100
17) Acenaphthene	14.739	154	10538	0.250	ng		97
18) Fluorene	15.712	166	11943	0.238	ng		99
20) 4,6-Dinitro-2-methylph...	15.787	198	778	0.322	ng		87
21) 4-Bromophenyl-phenylether	16.606	248	3864	0.224	ng	#	85
22) Hexachlorobenzene	16.718	284	5506	0.261	ng		96
23) Atrazine	16.867	200	3006	0.275	ng	#	94
24) Pentachlorophenol	17.065	266	3973	0.438	ng		99
25) Phenanthrene	17.462	178	24555	0.286	ng		100
26) Anthracene	17.549	178	19668	0.248	ng		100
28) Fluoranthene	19.476	202	28352	0.302	ng		99
30) Pyrene	19.838	202	29489	0.358	ng		99
32) Benzo(a)anthracene	21.592	228	21334	0.314	ng		99
33) Chrysene	21.646	228	24231	0.335	ng		99
34) Bis(2-ethylhexyl)phtha...	21.502	149	14174	0.444	ng		98
36) Indeno(1,2,3-cd)pyrene	26.749	276	17524	0.314	ng		97
37) Benzo(b)fluoranthene	23.354	252	20967m	0.362	ng		
38) Benzo(k)fluoranthene	23.407	252	20346	0.340	ng		96
39) Benzo(a)pyrene	24.006	252	15541	0.292	ng	#	86
40) Dibenzo(a,h)anthracene	26.766	278	12791	0.296	ng		96
41) Benzo(g,h,i)perylene	27.561	276	14722	0.292	ng		97

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

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