Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024736.D
Acq On : 03 Apr 2023 19:11
Operator : CG/JU
Sample : 02034-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Apr 04 03:57:14 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 03:11:39 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
GWCB-05-20-25-032123

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.996	152	8510	0.400	ng		0.00
7) Naphthalene-d8	10.813	136	26842	0.400	ng		0.01
13) Acenaphthene-d10	14.632	164	15110	0.400	ng		0.00
19) Phenanthrene-d10	17.375	188	32767	0.400	ng		0.00
29) Chrysene-d12	21.565	240	23757	0.400	ng	#	0.00
35) Perylene-d12	24.035	264	18205	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.548	112	4698	0.243	ng		0.00
5) Phenol-d6	7.151	99	22310	0.916	ng		0.00
8) Nitrobenzene-d5	9.158	82	11728m	0.560	ng		0.00
11) 2-Methylnaphthalene-d10	12.391	152	13511	0.393	ng		0.00
14) 2,4,6-Tribromophenol	16.122	330	4237	0.651	ng		0.00
15) 2-Fluorobiphenyl	13.253	172	29445	0.499	ng		0.00
27) Fluoranthene-d10	19.404	212	29560	0.426	ng		0.00
31) Terphenyl-d14	19.998	244	29616	0.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	281552	32.039	ng		97
9) Naphthalene	10.855	128	4905	0.071	ng	#	92
10) Hexachlorobutadiene	11.144	225	364	0.026	ng	#	100
16) Acenaphthylene	14.354	152	3513	0.056	ng		98
17) Acenaphthene	14.697	154	2897	0.066	ng		97
18) Fluorene	15.680	166	4402	0.074	ng		92
21) 4-Bromophenyl-phenylether	16.569	248	859	0.044	ng	#	61
22) Hexachlorobenzene	16.680	284	1022	0.044	ng		93
24) Pentachlorophenol	17.028	266	437	0.054	ng		96
25) Phenanthrene	17.413	178	8993	0.095	ng		97
26) Anthracene	17.512	178	4987	0.061	ng		96
28) Fluoranthene	19.433	202	6799	0.068	ng	#	64
30) Pyrene	19.796	202	6781	0.068	ng		97
32) Benzo(a)anthracene	21.547	228	3272	0.043	ng	#	86
33) Chrysene	21.601	228	3524	0.042	ng	#	85
34) Bis(2-ethylhexyl)phtha...	21.466	149	7646	0.224	ng		96
36) Indeno(1,2,3-cd)pyrene	26.611	276	2561	0.037	ng		99
37) Benzo(b)fluoranthene	23.287	252	4143	0.056	ng	#	30
38) Benzo(k)fluoranthene	23.331	252	2465m	0.033	ng		
39) Benzo(a)pyrene	23.930	252	2369	0.038	ng	#	8
40) Dibenzo(a,h)anthracene	26.631	278	1436m	0.026	ng		
41) Benzo(g,h,i)perylene	27.406	276	2467	0.039	ng	#	76

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

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