Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080223\
Data File : BN026790.D
Acq On : 02 Aug 2023 09:40
Operator : MA/JU
Sample : 03709-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-400-415-072023MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/03/2023
Supervised By :mohammad ahmed 08/03/2023

Quant Time: Aug 03 00:43:46 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 00:35:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.117	152	9081	0.400	ng		0.00
7) Naphthalene-d8	10.938	136	25622	0.400	ng		-0.01
13) Acenaphthene-d10	14.737	164	11758	0.400	ng		-0.01
19) Phenanthrene-d10	17.480	188	20795	0.400	ng		#-0.01
29) Chrysene-d12	21.668	240	11792	0.400	ng		0.00
35) Perylene-d12	24.224	264	9578	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.625	112	2949	0.128	ng		0.00
5) Phenol-d6	7.236	99	2273	0.076	ng		0.00
8) Nitrobenzene-d5	9.294	82	5931	0.391	ng		-0.01
11) 2-Methylnaphthalene-d10	12.513	152	12983m	0.353	ng		-0.01
14) 2,4,6-Tribromophenol	16.226	330	1150	0.287	ng		0.00
15) 2-Fluorobiphenyl	13.368	172	19214	0.400	ng		-0.01
27) Fluoranthene-d10	19.504	212	15590	0.312	ng		0.00
31) Terphenyl-d14	20.099	244	13697	0.557	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.480	88	38867	3.667	ng		98
3) n-Nitrosodimethylamine	3.819	42	1751	0.148	ng	#	96
6) bis(2-Chloroethyl)ether	7.539	93	9305	0.347	ng		98
9) Naphthalene	10.992	128	25164	0.357	ng		100
10) Hexachlorobutadiene	11.237	225	4381	0.343	ng	#	99
12) 2-Methylnaphthalene	12.589	142	15606	0.325	ng		99
16) Acenaphthylene	14.469	152	20360	0.350	ng		100
17) Acenaphthene	14.801	154	13097	0.359	ng		99
18) Fluorene	15.780	166	15836	0.334	ng		99
20) 4,6-Dinitro-2-methylph...	16.934	198	145	0.431	ng	#	1
21) 4-Bromophenyl-phenylether	16.673	248	4800	0.382	ng	#	90
22) Hexachlorobenzene	16.748	284	5572	0.388	ng		99
23) Atrazine	16.934	200	2881	0.347	ng	#	82
24) Pentachlorophenol	17.108	266	2879	0.780	ng		98
25) Phenanthrene	17.530	178	25004	0.396	ng		100
26) Anthracene	17.617	178	20720	0.367	ng		100
28) Fluoranthene	19.537	202	23927	0.340	ng		99
30) Pyrene	19.899	202	24372	0.478	ng		100
32) Benzo(a)anthracene	21.650	228	16573	0.409	ng		99
33) Chrysene	21.703	228	17478	0.390	ng		99
34) Bis(2-ethylhexyl)phtha...	21.551	149	9670	0.721	ng		100
36) Indeno(1,2,3-cd)pyrene	26.928	276	14692	0.376	ng	#	85
37) Benzo(b)fluoranthene	23.431	252	15120	0.401	ng		97
38) Benzo(k)fluoranthene	23.484	252	14974	0.387	ng	#	97
39) Benzo(a)pyrene	24.110	252	11842	0.345	ng		97
40) Dibenzo(a,h)anthracene	26.960	278	11268	0.371	ng		97
41) Benzo(g,h,i)perylene	27.770	276	13894	0.387	ng		97

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

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