Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032323\
Data File : BN024510.D
Acq On : 23 Mar 2023 13:21
Operator : CG/JU
Sample : 01903-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE103D2-20230310MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2023
Supervised By :Jagrut Upadhyay 03/24/2023

Quant Time: Mar 24 02:36:18 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 24 02:34:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.025	152	10367	0.400	ng		0.00
7) Naphthalene-d8	10.834	136	29518	0.400	ng	#	0.00
13) Acenaphthene-d10	14.654	164	14854	0.400	ng		0.00
19) Phenanthrene-d10	17.400	188	31712	0.400	ng		0.00
29) Chrysene-d12	21.592	240	21587	0.400	ng		0.00
35) Perylene-d12	24.100	264	18810	0.400	ng	#	0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	3420	0.149	ng		0.00
5) Phenol-d6	7.180	99	2452	0.083	ng		0.00
8) Nitrobenzene-d5	9.190	82	8383	0.425	ng		0.00
11) 2-Methylnaphthalene-d10	12.421	152	16534m	0.456	ng		0.00
14) 2,4,6-Tribromophenol	16.147	330	2660	0.350	ng		0.00
15) 2-Fluorobiphenyl	13.285	172	23660	0.422	ng		0.00
27) Fluoranthene-d10	19.429	212	30245	0.450	ng		0.00
31) Terphenyl-d14	20.024	244	20479	0.563	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.432	88	9805	0.869	ng	#	93
3) n-Nitrosodimethylamine	3.764	42	2120	0.128	ng	#	91
6) bis(2-Chloroethyl)ether	7.440	93	11221	0.384	ng		99
9) Naphthalene	10.887	128	29232	0.390	ng		99
10) Hexachlorobutadiene	11.176	225	5647	0.397	ng	#	100
12) 2-Methylnaphthalene	12.493	142	18568	0.366	ng		99
16) Acenaphthylene	14.376	152	25558	0.363	ng		100
17) Acenaphthene	14.718	154	16705	0.372	ng		97
18) Fluorene	15.701	166	19814	0.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.774	198	772	0.308	ng	#	71
21) 4-Bromophenyl-phenylether	16.593	248	7299	0.387	ng	#	95
22) Hexachlorobenzene	16.705	284	9313	0.403	ng		98
23) Atrazine	16.854	200	5618	0.470	ng	#	94
24) Pentachlorophenol	17.053	266	5405	0.513	ng		99
25) Phenanthrene	17.450	178	37244	0.396	ng		100
26) Anthracene	17.537	178	32375	0.373	ng		99
28) Fluoranthene	19.463	202	43444	0.422	ng		98
30) Pyrene	19.825	202	44504	0.509	ng		100
32) Benzo(a)anthracene	21.574	228	34908	0.484	ng		100
33) Chrysene	21.637	228	36560	0.475	ng		99
34) Bis(2-ethylhexyl)phtha...	21.484	149	23625	0.696	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.713	276	31059	0.441	ng		96
37) Benzo(b)fluoranthene	23.331	252	33742	0.461	ng		98
38) Benzo(k)fluoranthene	23.380	252	33366m	0.442	ng		
39) Benzo(a)pyrene	23.980	252	26783	0.399	ng		94
40) Dibenzo(a,h)anthracene	26.734	278	24378	0.447	ng		98
41) Benzo(g,h,i)perylene	27.520	276	27819	0.437	ng		98

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

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