Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031323\
Data File : BN024256.D
Acq On : 13 Mar 2023 21:49
Operator : CG/JU
Sample : 01837-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-10-4.5-030723MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/14/2023
Supervised By :Jagrut Upadhyay 03/14/2023

Quant Time: Mar 14 03:33:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 14 03:11:52 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.047	152	8734	0.400	ng	0.00
7) Naphthalene-d8	10.866	136	25295	0.400	ng	0.00
13) Acenaphthene-d10	14.675	164	13618	0.400	ng	0.00
19) Phenanthrene-d10	17.425	188	28837	0.400	ng	0.00
29) Chrysene-d12	21.610	240	23783	0.400	ng	# 0.00
35) Perylene-d12	24.126	264	20721	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.592	112	7894	0.408	ng	0.00
5) Phenol-d6	7.195	99	10494	0.422	ng	0.00
8) Nitrobenzene-d5	9.211	82	6471	0.383	ng	0.00
11) 2-Methylnaphthalene-d10	12.444	152	15888m	0.511	ng	0.00
14) 2,4,6-Tribromophenol	16.159	330	2131	0.306	ng	0.00
15) 2-Fluorobiphenyl	13.307	172	19304	0.375	ng	0.00
27) Fluoranthene-d10	19.450	212	26011	0.425	ng	0.00
31) Terphenyl-d14	20.043	244	15107	0.377	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.432	88	3463	0.364	ng	# 73
3) n-Nitrosodimethylamine	3.757	42	5403	0.388	ng	# 97
6) bis(2-Chloroethyl)ether	7.462	93	10193	0.414	ng	99
9) Naphthalene	10.909	128	26794	0.417	ng	99
10) Hexachlorobutadiene	11.208	225	4784	0.392	ng	# 99
12) 2-Methylnaphthalene	12.516	142	17141	0.395	ng	99
16) Acenaphthylene	14.397	152	25140	0.389	ng	100
17) Acenaphthene	14.740	154	16060	0.391	ng	99
18) Fluorene	15.725	166	19296	0.393	ng	98
20) 4,6-Dinitro-2-methylph...	15.787	198	1015	0.367	ng	98
21) 4-Bromophenyl-phenylether	16.606	248	7182	0.419	ng	# 70
22) Hexachlorobenzene	16.730	284	8297	0.394	ng	100
23) Atrazine	16.867	200	4558	0.419	ng	# 88
24) Pentachlorophenol	17.065	266	1673	0.259	ng	99
25) Phenanthrene	17.462	178	34607	0.405	ng	99
26) Anthracene	17.549	178	30889	0.392	ng	100
28) Fluoranthene	19.480	202	38191	0.408	ng	99
30) Pyrene	19.842	202	40298	0.418	ng	100
32) Benzo(a)anthracene	21.592	228	33779	0.425	ng	99
33) Chrysene	21.655	228	33681	0.397	ng	100
34) Bis(2-ethylhexyl)phtha...	21.520	149	25783	0.690	ng	99
36) Indeno(1,2,3-cd)pyrene	26.760	276	29822	0.384	ng	99
37) Benzo(b)fluoranthene	23.354	252	32144	0.399	ng	99
38) Benzo(k)fluoranthene	23.407	252	31745	0.382	ng	97
39) Benzo(a)pyrene	24.015	252	27584	0.373	ng	99
40) Dibenzo(a,h)anthracene	26.784	278	23002	0.383	ng	99
41) Benzo(g,h,i)perylene	27.573	276	27080	0.386	ng	99

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

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