Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027270.D
Acq On : 30 Aug 2023 11:44
Operator : MA/JU
Sample : 04126-10MS
Misc :
ALS Vial : 80 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/01/2023
Supervised By :mohammad ahmed 09/01/2023

Quant Time: Aug 31 04:26:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.066	152	4875	0.400	ng	0.00
7) Naphthalene-d8	10.895	136	13174	0.400	ng	# 0.00
13) Acenaphthene-d10	14.694	164	7805	0.400	ng	0.00
19) Phenanthrene-d10	17.443	188	17985	0.400	ng	# 0.00
29) Chrysene-d12	21.614	240	14743	0.400	ng	0.00
35) Perylene-d12	24.148	264	12561	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.589	112	3163	0.249	ng	0.00
5) Phenol-d6	7.207	99	2313	0.150	ng	0.00
8) Nitrobenzene-d5	9.251	82	4959	0.516	ng	-0.01
11) 2-Methylnaphthalene-d10	12.464	152	10589m	0.547	ng	0.00
14) 2,4,6-Tribromophenol	16.189	330	1515	0.524	ng	0.00
15) 2-Fluorobiphenyl	13.325	172	15437	0.520	ng	0.00
27) Fluoranthene-d10	19.462	212	23880	0.534	ng	0.00
31) Terphenyl-d14	20.048	244	17903	0.604	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	3056	0.513	ng	# 85
3) n-Nitrosodimethylamine	3.805	42	1280	0.203	ng	# 90
6) bis(2-Chloroethyl)ether	7.495	93	6561	0.439	ng	97
9) Naphthalene	10.938	128	15831	0.441	ng	99
10) Hexachlorobutadiene	11.173	225	2995	0.447	ng	# 99
12) 2-Methylnaphthalene	12.536	142	10895	0.426	ng	100
16) Acenaphthylene	14.427	152	15779	0.444	ng	99
17) Acenaphthene	14.758	154	10464	0.441	ng	98
18) Fluorene	15.730	166	14641	0.463	ng	100
20) 4,6-Dinitro-2-methylph...	16.884	198	123	0.480	ng	# 66
21) 4-Bromophenyl-phenylether	16.623	248	4178	0.441	ng	# 87
22) Hexachlorobenzene	16.710	284	5277	0.469	ng	98
23) Atrazine	16.884	200	3110	0.438	ng	# 93
24) Pentachlorophenol	17.070	266	2776	0.641	ng	99
25) Phenanthrene	17.480	178	25275	0.478	ng	100
26) Anthracene	17.579	178	19752	0.440	ng	99
28) Fluoranthene	19.490	202	29090	0.468	ng	100
30) Pyrene	19.857	202	29939	0.511	ng	100
32) Benzo(a)anthracene	21.605	228	23567	0.466	ng	99
33) Chrysene	21.659	228	25285	0.455	ng	99
34) Bis(2-ethylhexyl)phtha...	21.479	149	13072	0.536	ng	97
36) Indeno(1,2,3-cd)pyrene	26.817	276	20643	0.405	ng	99
37) Benzo(b)fluoranthene	23.358	252	24563	0.505	ng	99
38) Benzo(k)fluoranthene	23.414	252	22219	0.445	ng	98
39) Benzo(a)pyrene	24.031	252	18264	0.402	ng	99
40) Dibenzo(a,h)anthracene	26.846	278	16802	0.420	ng	99
41) Benzo(g,h,i)perylene	27.644	276	17982	0.388	ng	98

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

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