Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027341.D
Acq On : 01 Sep 2023 11:50
Operator : MA/JU
Sample : 04229-04MS
Misc :
ALS Vial : 122 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-01-9.5-082923MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

Quant Time: Sep 02 01:52:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	5946	0.400	ng	0.00
7) Naphthalene-d8	10.885	136	18436	0.400	ng	0.00
13) Acenaphthene-d10	14.683	164	11707	0.400	ng	0.00
19) Phenanthrene-d10	17.430	188	26693	0.400	ng	0.00
29) Chrysene-d12	21.614	240	21112	0.400	ng	# 0.00
35) Perylene-d12	24.136	264	19192	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.582	112	3308	0.213	ng	0.00
5) Phenol-d6	7.199	99	2666	0.141	ng	0.00
8) Nitrobenzene-d5	9.251	82	5135	0.382	ng	0.00
11) 2-Methylnaphthalene-d10	12.457	152	12269m	0.453	ng	0.00
14) 2,4,6-Tribromophenol	16.177	330	2501	0.577	ng	0.00
15) 2-Fluorobiphenyl	13.315	172	17397	0.391	ng	0.00
27) Fluoranthene-d10	19.458	212	29901	0.451	ng	0.00
31) Terphenyl-d14	20.039	244	24132	0.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.451	88	1505	0.207	ng	# 46
3) n-Nitrosodimethylamine	3.798	42	1152	0.150	ng	# 89
6) bis(2-Chloroethyl)ether	7.488	93	5820	0.319	ng	99
9) Naphthalene	10.927	128	16023	0.319	ng	98
10) Hexachlorobutadiene	11.162	225	2661	0.284	ng	# 99
12) 2-Methylnaphthalene	12.528	142	10865	0.304	ng	98
16) Acenaphthylene	14.416	152	17888	0.336	ng	99
17) Acenaphthene	14.747	154	11919	0.335	ng	99
18) Fluorene	15.730	166	16721	0.353	ng	99
20) 4,6-Dinitro-2-methylph...	16.884	198	179	0.471	ng	# 50
21) 4-Bromophenyl-phenylether	16.623	248	5078	0.361	ng	95
22) Hexachlorobenzene	16.698	284	5892	0.353	ng	100
23) Atrazine	16.884	200	4401	0.418	ng	99
24) Pentachlorophenol	17.058	266	5782	0.900	ng	99
25) Phenanthrene	17.480	178	30052	0.383	ng	100
26) Anthracene	17.567	178	25434	0.382	ng	98
28) Fluoranthene	19.486	202	34562	0.374	ng	99
30) Pyrene	19.853	202	36485	0.435	ng	100
32) Benzo(a)anthracene	21.596	228	29207	0.404	ng	99
33) Chrysene	21.650	228	29262	0.368	ng	99
34) Bis(2-ethylhexyl)phtha...	21.471	149	14241	0.408	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.788	276	22033	0.283	ng	99
37) Benzo(b)fluoranthene	23.349	252	27490	0.370	ng	99
38) Benzo(k)fluoranthene	23.402	252	25424	0.333	ng	99
39) Benzo(a)pyrene	24.022	252	21570	0.311	ng	99
40) Dibenzo(a,h)anthracene	26.817	278	16986	0.278	ng	96
41) Benzo(g,h,i)perylene	27.624	276	19673	0.278	ng	99

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

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