Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027342.D
Acq On : 01 Sep 2023 12:27
Operator : MA/JU
Sample : 04229-05MSD
Misc :
ALS Vial : 123 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Sep 02 01:52:46 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	5861	0.400	ng		0.00
7) Naphthalene-d8	10.885	136	17888	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	11192	0.400	ng		0.00
19) Phenanthrene-d10	17.430	188	25404	0.400	ng		0.00
29) Chrysene-d12	21.614	240	20463	0.400	ng	#	0.00
35) Perylene-d12	24.133	264	18801	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.582	112	3716	0.243	ng		0.00
5) Phenol-d6	7.199	99	2684	0.144	ng		0.00
8) Nitrobenzene-d5	9.251	82	6113	0.469	ng		0.00
11) 2-Methylnaphthalene-d10	12.457	152	12759m	0.486	ng		0.00
14) 2,4,6-Tribromophenol	16.177	330	2553	0.616	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	19266	0.453	ng		0.00
27) Fluoranthene-d10	19.453	212	29131	0.461	ng		0.00
31) Terphenyl-d14	20.043	244	23294	0.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	1969	0.275	ng	#	52
3) n-Nitrosodimethylamine	3.798	42	1446	0.191	ng	#	91
6) bis(2-Chloroethyl)ether	7.488	93	7237	0.403	ng		99
9) Naphthalene	10.928	128	19420	0.398	ng		98
10) Hexachlorobutadiene	11.162	225	3194	0.351	ng	#	98
12) 2-Methylnaphthalene	12.529	142	12879	0.371	ng		99
16) Acenaphthylene	14.416	152	20174	0.396	ng		99
17) Acenaphthene	14.747	154	13111	0.386	ng		99
18) Fluorene	15.730	166	18120	0.400	ng		99
20) 4,6-Dinitro-2-methylph...	16.884	198	152	0.420	ng	#	60
21) 4-Bromophenyl-phenylether	16.624	248	5332	0.398	ng		94
22) Hexachlorobenzene	16.698	284	6246	0.393	ng		100
23) Atrazine	16.884	200	4633	0.462	ng		98
24) Pentachlorophenol	17.058	266	6148	1.006	ng		100
25) Phenanthrene	17.468	178	30512	0.409	ng		100
26) Anthracene	17.567	178	26448	0.417	ng		100
28) Fluoranthene	19.486	202	34850	0.397	ng		99
30) Pyrene	19.853	202	36787	0.452	ng		100
32) Benzo(a)anthracene	21.596	228	30137	0.430	ng		99
33) Chrysene	21.650	228	29983	0.389	ng		99
34) Bis(2-ethylhexyl)phtha...	21.471	149	14310	0.423	ng		97
36) Indeno(1,2,3-cd)pyrene	26.788	276	22966	0.301	ng		99
37) Benzo(b)fluoranthene	23.347	252	28226	0.388	ng		99
38) Benzo(k)fluoranthene	23.402	252	26020	0.348	ng		99
39) Benzo(a)pyrene	24.022	252	22031	0.324	ng		99
40) Dibenzo(a,h)anthracene	26.820	278	17732	0.296	ng		97
41) Benzo(g,h,i)perylene	27.621	276	20479	0.295	ng		99

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

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