Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033218.D
Acq On : 03 Aug 2024 01:15
Operator : MA/JU
Sample : P3415-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MLS-15-70-85MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 03 02:00:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 02 22:49:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.510	152	2530	0.400	ng		0.00
7) Naphthalene-d8	10.266	136	8615	0.400	ng		#-0.02
13) Acenaphthene-d10	14.137	164	4385	0.400	ng		0.00
19) Phenanthrene-d10	16.920	188	8776	0.400	ng		0.00
29) Chrysene-d12	21.134	240	5889	0.400	ng		0.00
35) Perylene-d12	23.320	264	6810	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	1088	0.170	ng		-0.06
5) Phenol-d6	6.925	99	837m	0.105	ng		0.04
8) Nitrobenzene-d5	8.781	82	2205	0.340	ng		-0.03
11) 2-Methylnaphthalene-d10	11.875	152	4098	0.311	ng		-0.03
14) 2,4,6-Tribromophenol	15.704	330	493	0.263	ng		-0.01
15) 2-Fluorobiphenyl	12.768	172	5525	0.338	ng		-0.02
27) Fluoranthene-d10	18.955	212	7441	0.328	ng		0.00
31) Terphenyl-d14	19.554	244	5868	0.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.083	88	489	0.156	ng	#	64
3) n-Nitrosodimethylamine	3.494	42	393	0.148	ng	#	89
6) bis(2-Chloroethyl)ether	6.990	93	2887	0.435	ng		91
9) Naphthalene	10.319	128	7055	0.296	ng		96
10) Hexachlorobutadiene	10.532	225	1012	0.222	ng	#	99
12) 2-Methylnaphthalene	11.950	142	4456	0.286	ng	#	95
16) Acenaphthylene	13.869	152	6211	0.348	ng		99
17) Acenaphthene	14.201	154	4189	0.331	ng		98
18) Fluorene	15.216	166	5441	0.322	ng		98
20) 4,6-Dinitro-2-methylph...	15.530	198	121	0.356	ng	#	1
21) 4-Bromophenyl-phenylether	16.101	248	1600	0.310	ng		90
22) Hexachlorobenzene	16.213	284	1646	0.285	ng	#	91
23) Atrazine	16.399	200	1481	0.390	ng		97
24) Pentachlorophenol	16.610	266	1065	0.496	ng		98
25) Phenanthrene	16.957	178	8419	0.351	ng		99
26) Anthracene	17.057	178	6389	0.324	ng		99
28) Fluoranthene	18.987	202	9725	0.335	ng		98
30) Pyrene	19.354	202	9743	0.405	ng		99
32) Benzo(a)anthracene	21.125	228	6929	0.372	ng		97
33) Chrysene	21.169	228	8901	0.402	ng		97
34) Bis(2-ethylhexyl)phtha...	21.008	149	4068	0.395	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.519	276	11113	0.414	ng		99
37) Benzo(b)fluoranthene	22.666	252	7906	0.333	ng		95
38) Benzo(k)fluoranthene	22.709	252	9938	0.367	ng		96
39) Benzo(a)pyrene	23.233	252	8111	0.379	ng		96
40) Dibenzo(a,h)anthracene	25.513	278	8727	0.412	ng		95
41) Benzo(g,h,i)perylene	26.189	276	8736	0.372	ng		96

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

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