Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080624\
Data File : BN033286.D
Acq On : 06 Aug 2024 22:53
Operator : MA/JU
Sample : P3468-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
IDW-S1-01MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/08/2024

Quant Time: Aug 07 02:06:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN080524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 05 23:57:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	1109	0.400	ng	0.00
7) Naphthalene-d8	10.265	136	3980	0.400	ng	#-0.05
13) Acenaphthene-d10	14.111	164	2634	0.400	ng	-0.01
19) Phenanthrene-d10	16.902	188	6413	0.400	ng	-0.02
29) Chrysene-d12	21.104	240	6947	0.400	ng	-0.02
35) Perylene-d12	23.277	264	8554	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.278	112	1010m	0.368	ng	-0.01
5) Phenol-d6	6.911	99	1286m	0.341	ng	-0.08
8) Nitrobenzene-d5	8.813	82	901	0.282	ng	-0.11
11) 2-Methylnaphthalene-d10	11.859	152	2159	0.366	ng	-0.07
14) 2,4,6-Tribromophenol	15.698	330	326	0.332	ng	-0.02
15) 2-Fluorobiphenyl	12.754	172	2320	0.257	ng	-0.05
27) Fluoranthene-d10	18.939	212	4030	0.225	ng	-0.01
31) Terphenyl-d14	19.538	244	2904	0.242	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	507	0.175	ng	# 47
3) n-Nitrosodimethylamine	3.401	42	700	0.518	ng	# 69
6) bis(2-Chloroethyl)ether	7.012	93	2558m	0.804	ng	
9) Naphthalene	10.319	128	3840	0.355	ng	93
10) Hexachlorobutadiene	10.500	225	710	0.354	ng	# 99
12) 2-Methylnaphthalene	11.935	142	2379	0.369	ng	98
16) Acenaphthylene	13.855	152	4139	0.394	ng	100
17) Acenaphthene	14.176	154	2936	0.387	ng	100
18) Fluorene	15.191	166	3847	0.375	ng	98
20) 4,6-Dinitro-2-methylph...	15.524	198	209	0.420	ng	# 88
21) 4-Bromophenyl-phenylether	16.083	248	1232	0.362	ng	94
22) Hexachlorobenzene	16.182	284	1275	0.359	ng	99
23) Atrazine	16.381	200	1182	0.369	ng	94
24) Pentachlorophenol	16.617	266	100	0.084	ng	92
25) Phenanthrene	16.939	178	6840	0.396	ng	99
26) Anthracene	17.051	178	5526	0.382	ng	# 88
28) Fluoranthene	18.971	202	9874	0.417	ng	99
30) Pyrene	19.333	202	10573	0.435	ng	99
32) Benzo(a)anthracene	21.095	228	8566	0.428	ng	99
33) Chrysene	21.149	228	10905	0.406	ng	99
34) Bis(2-ethylhexyl)phtha...	21.006	149	1353	0.282	ng	# 85
36) Indeno(1,2,3-cd)pyrene	25.458	276	13319	0.344	ng	99
37) Benzo(b)fluoranthene	22.631	252	10440	0.402	ng	98
38) Benzo(k)fluoranthene	22.672	252	12124	0.374	ng	99
39) Benzo(a)pyrene	23.190	252	10415	0.400	ng	93
40) Dibenzo(a,h)anthracene	25.447	278	9978	0.327	ng	99
41) Benzo(g,h,i)perylene	26.131	276	10310	0.295	ng	99

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

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