Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080324\
Data File : BN033233.D
Acq On : 03 Aug 2024 11:36
Operator : MA/JU
Sample : P3440-03MSD
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
923-K1-WS-080124MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/05/2024
Supervised By :mohammad ahmed 08/07/2024

Quant Time: Aug 05 03:26:30 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	7.503	152	2521	0.400	ng	0.00
7) Naphthalene-d8	10.276	136	8200	0.400	ng	#-0.01
13) Acenaphthene-d10	14.126	164	4479	0.400	ng	-0.01
19) Phenanthrene-d10	16.908	188	9624	0.400	ng	-0.01
29) Chrysene-d12	21.125	240	6930	0.400	ng	0.00
35) Perylene-d12	23.303	264	7608	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.257	112	1108m	0.174	ng	0.01
5) Phenol-d6	6.954	99	991m	0.125	ng	0.07
8) Nitrobenzene-d5	8.803	82	2039	0.330	ng	-0.01
11) 2-Methylnaphthalene-d10	11.874	152	4061	0.324	ng	-0.03
14) 2,4,6-Tribromophenol	15.679	330	638	0.333	ng	-0.04
15) 2-Fluorobiphenyl	12.758	172	5777	0.347	ng	-0.03
27) Fluoranthene-d10	18.946	212	8339	0.335	ng	-0.01
31) Terphenyl-d14	19.545	244	7601	0.535	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.083	88	556	0.178	ng	# 23
3) n-Nitrosodimethylamine	3.444	42	534	0.202	ng	# 75
6) bis(2-Chloroethyl)ether	7.004	93	2762	0.417	ng	# 82
9) Naphthalene	10.330	128	7162	0.315	ng	97
10) Hexachlorobutadiene	10.522	225	1188	0.274	ng	# 99
12) 2-Methylnaphthalene	11.950	142	4316	0.291	ng	# 92
16) Acenaphthylene	13.859	152	6590	0.362	ng	99
17) Acenaphthene	14.190	154	5274	0.409	ng	100
18) Fluorene	15.195	166	6988	0.405	ng	97
21) 4-Bromophenyl-phenylether	16.088	248	1858	0.329	ng	96
22) Hexachlorobenzene	16.200	284	1935	0.306	ng	# 87
23) Atrazine	16.386	200	1921	0.461	ng	100
24) Pentachlorophenol	16.597	266	1618	0.688	ng	99
25) Phenanthrene	16.945	178	16154	0.614	ng	99
26) Anthracene	17.044	178	8655	0.400	ng	99
28) Fluoranthene	18.978	202	15613	0.491	ng	99
30) Pyrene	19.345	202	14639	0.517	ng	99
32) Benzo(a)anthracene	21.107	228	9364m	0.427	ng	
33) Chrysene	21.160	228	9159	0.352	ng	97
34) Bis(2-ethylhexyl)phtha...	21.008	149	3434	0.283	ng	# 92
36) Indeno(1,2,3-cd)pyrene	25.499	276	11100	0.370	ng	100
37) Benzo(b)fluoranthene	22.654	252	9386	0.354	ng	96
38) Benzo(k)fluoranthene	22.698	252	9835	0.325	ng	97
39) Benzo(a)pyrene	23.215	252	9034	0.378	ng	92
40) Dibenzo(a,h)anthracene	25.493	278	8553	0.361	ng	96
41) Benzo(g,h,i)perylene	26.177	276	9042	0.345	ng	96

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

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