Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041823\
Data File : BN024975.D
Acq On : 18 Apr 2023 13:08
Operator : CG/JU
Sample : 02357-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
P2-S2-230413MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/19/2023
Supervised By :Jagrut Upadhyay 04/19/2023

Quant Time: Apr 18 14:29:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 18 05:29:26 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.933	152	9008	0.400	ng	0.00
7) Naphthalene-d8	10.739	136	27694	0.400	ng	#-0.01
13) Acenaphthene-d10	14.577	164	14798	0.400	ng	0.00
19) Phenanthrene-d10	17.323	188	34752	0.400	ng	0.00
29) Chrysene-d12	21.518	240	32860	0.400	ng	# 0.00
35) Perylene-d12	23.974	264	31949	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.484	112	6981	0.336	ng	0.00
5) Phenol-d6	7.095	99	8893	0.339	ng	0.00
8) Nitrobenzene-d5	9.095	82	6089	0.273	ng	-0.01
11) 2-Methylnaphthalene-d10	12.332	152	13287m	0.362	ng	0.00
14) 2,4,6-Tribromophenol	16.070	330	2244	0.337	ng	0.00
15) 2-Fluorobiphenyl	13.197	172	14516	0.257	ng	-0.01
27) Fluoranthene-d10	19.355	212	20584	0.261	ng	0.00
31) Terphenyl-d14	19.949	244	18276	0.245	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.339	88	3122	0.315	ng	# 76
3) n-Nitrosodimethylamine	3.672	42	6022	0.359	ng	94
6) bis(2-Chloroethyl)ether	7.355	93	12430	0.467	ng	99
9) Naphthalene	10.793	128	97166	1.362	ng	100
10) Hexachlorobutadiene	11.081	225	5249	0.386	ng	# 100
12) 2-Methylnaphthalene	12.404	142	41851	0.844	ng	100
16) Acenaphthylene	14.299	152	124644	2.004	ng	99
17) Acenaphthene	14.641	154	35870	0.852	ng	99
18) Fluorene	15.624	166	98259	1.701	ng	97
20) 4,6-Dinitro-2-methylph...	15.710	198	1429	0.395	ng	# 75
21) 4-Bromophenyl-phenylether	16.517	248	7565	0.370	ng	92
22) Hexachlorobenzene	16.628	284	8736	0.377	ng	97
23) Atrazine	16.777	200	6480	0.464	ng	# 92
24) Pentachlorophenol	16.976	266	7634	0.977	ng	93
25) Phenanthrene	17.361	178	922039	9.138	ng	100
26) Anthracene	17.460	178	341499	3.882	ng	100
28) Fluoranthene	19.384	202	1512598	13.205	ng	99
30) Pyrene	19.751	202	1250629	10.707	ng	97
32) Benzo(a)anthracene	21.509	228	708465	6.376	ng	95
33) Chrysene	21.554	228	653964	5.619	ng	97
34) Bis(2-ethylhexyl)phtha...	21.428	149	138238	2.316	ng	97
36) Indeno(1,2,3-cd)pyrene	26.524	276	330509	2.360	ng	95
37) Benzo(b)fluoranthene	23.226	252	750211	6.192	ng	94
38) Benzo(k)fluoranthene	23.270	252	307915m	2.564	ng	
39) Benzo(a)pyrene	23.869	252	565711m	4.882	ng	
40) Dibenzo(a,h)anthracene	26.544	278	102330	0.928	ng	97
41) Benzo(g,h,i)perylene	27.310	276	305492	2.558	ng	100

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

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