Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028927.D
Acq On : 01 Dec 2023 01:46
Operator : MA/JU
Sample : 05253-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
L-1(65FT)(5-10)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Quant Time: Dec 01 04:31:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	4516	0.400	ng	0.00
7) Naphthalene-d8	10.583	136	13272	0.400	ng	#-0.01
13) Acenaphthene-d10	14.428	164	7946	0.400	ng	0.00
19) Phenanthrene-d10	17.171	188	12641	0.400	ng	#-0.01
29) Chrysene-d12	21.374	240	5688	0.400	ng	# 0.00
35) Perylene-d12	23.708	264	6995m	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	4162	0.304	ng	-0.01
5) Phenol-d6	7.031	99	4752	0.313	ng	-0.01
8) Nitrobenzene-d5	8.971	82	3378	0.256	ng	-0.01
11) 2-Methylnaphthalene-d10	12.174	152	7389	0.347	ng	-0.01
14) 2,4,6-Tribromophenol	15.918	330	953	0.178	ng	-0.01
15) 2-Fluorobiphenyl	13.060	172	7233	0.211	ng	-0.01
27) Fluoranthene-d10	19.209	212	8666	0.261	ng	0.00
31) Terphenyl-d14	19.817	244	7046	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.369	88	1499	0.339	ng	# 24
3) n-Nitrosodimethylamine	3.709	42	1957	0.373	ng	# 53
6) bis(2-Chloroethyl)ether	7.255	93	5391	0.422	ng	97
9) Naphthalene	10.637	128	397242	9.419	ng	98
10) Hexachlorobutadiene	10.904	225	2630	0.305	ng	# 99
12) 2-Methylnaphthalene	12.250	142	210732	7.952	ng	98
16) Acenaphthylene	14.150	152	475710	11.301	ng	100
17) Acenaphthene	14.492	154	38052	1.362	ng	# 90
18) Fluorene	15.476	166	187291	5.295	ng	# 93
20) 4,6-Dinitro-2-methylph...	15.570	198	766	0.276	ng	# 1
21) 4-Bromophenyl-phenylether	16.377	248	3117	0.358	ng	# 74
22) Hexachlorobenzene	16.464	284	3504	0.328	ng	95
23) Atrazine	16.675	200	2869	0.377	ng	# 83
24) Pentachlorophenol	16.836	266	2318	0.466	ng	98
25) Phenanthrene	17.221	178	1616838	38.738	ng	96
26) Anthracene	17.308	178	433333	11.232	ng	99
28) Fluoranthene	19.241	202	1371581m	31.602	ng	
30) Pyrene	19.608	202	2214757	50.988	ng	99
32) Benzo(a)anthracene	21.356	228	714679	29.551	ng	96
33) Chrysene	21.409	228	588472	24.783	ng	94
34) Bis(2-ethylhexyl)phtha...	21.302	149	13409	0.338	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.108	276	290368m	9.526	ng	
37) Benzo(b)fluoranthene	23.006	252	510182	17.828	ng	# 24
38) Benzo(k)fluoranthene	23.041	252	150620m	5.579	ng	
39) Benzo(a)pyrene	23.605	252	555697	21.741	ng	# 15
40) Dibenzo(a,h)anthracene	26.117	278	94106m	3.989	ng	
41) Benzo(g,h,i)perylene	26.842	276	340850	12.846	ng	# 67

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

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