Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028380.D
Acq On : 24 Oct 2023 16:12
Operator : MA/JU
Sample : 04938-17MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
0-2(0-10)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:05:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.871	152	4621	0.400	ng		# 0.00
7) Naphthalene-d8	10.682	136	14145	0.400	ng		#-0.02
13) Acenaphthene-d10	14.523	164	9527	0.400	ng		-0.01
19) Phenanthrene-d10	17.281	188	11064	0.400	ng		#-0.01
29) Chrysene-d12	21.480	240	10881	0.400	ng		# 0.00
35) Perylene-d12	23.925	264	12754	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	2864	0.200	ng		0.00
5) Phenol-d6	7.048	99	3699	0.209	ng		0.00
8) Nitrobenzene-d5	9.070	82	3277	0.261	ng		-0.03
11) 2-Methylnaphthalene-d10	12.271	152	4484	0.211	ng		-0.02
14) 2,4,6-Tribromophenol	16.028	330	535	0.115	ng		-0.04
15) 2-Fluorobiphenyl	13.144	172	6068	0.181	ng		-0.02
27) Fluoranthene-d10	19.323	212	4948	0.167	ng		0.00
31) Terphenyl-d14	19.909	244	5111	0.221	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1977	0.354	ng	#	66
3) n-Nitrosodimethylamine	3.653	42	2768	0.454	ng		97
6) bis(2-Chloroethyl)ether	7.315	93	6771	0.497	ng	#	89
9) Naphthalene	10.735	128	1694799	46.192	ng		97
10) Hexachlorobutadiene	10.960	225	3087	0.490	ng	#	100
12) 2-Methylnaphthalene	12.351	142	918072	35.212	ng		99
16) Acenaphthylene	14.256	152	239660	5.598	ng	#	92
17) Acenaphthene	14.587	154	111843	4.146	ng		92
18) Fluorene	15.569	166	212923	5.996	ng	#	97
20) 4,6-Dinitro-2-methylph...	15.792	198	815	1.052	ng	#	1
21) 4-Bromophenyl-phenylether	16.462	248	3107	0.545	ng	#	1
22) Hexachlorobenzene	16.549	284	2927	0.499	ng	#	35
23) Atrazine	16.748	200	3242	0.607	ng	#	5
24) Pentachlorophenol	17.008	266	395	0.147	ng	#	55
25) Phenanthrene	17.331	178	781815	25.815	ng		99
26) Anthracene	17.418	178	202139	6.988	ng	#	96
28) Fluoranthene	19.351	202	482831	12.690	ng		99
30) Pyrene	19.718	202	594036	15.955	ng	#	96
32) Benzo(a)anthracene	21.462	228	295174	7.636	ng		99
33) Chrysene	21.515	228	271568	7.340	ng		98
34) Bis(2-ethylhexyl)phtha...	21.336	149	14708	0.498	ng		99
36) Indeno(1,2,3-cd)pyrene	26.487	276	217483	4.230	ng		96
37) Benzo(b)fluoranthene	23.174	252	334068	8.380	ng	#	90
38) Benzo(k)fluoranthene	23.218	252	130906m	3.228	ng		
39) Benzo(a)pyrene	23.814	252	276733m	6.978	ng		
40) Dibenzo(a,h)anthracene	26.495	278	67411	1.615	ng		99
41) Benzo(g,h,i)perylene	27.294	276	263420	6.112	ng		95

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

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