Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
Data File : BN028510.D
Acq On : 08 Nov 2023 22:07
Operator : MA/JU
Sample : 05196-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PE-7-SOUTHSIDE-BASEMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/09/2023
Supervised By :mohammad ahmed 11/09/2023

Quant Time: Nov 08 23:30:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 08 00:27:19 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.710	152	8236	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	26349	0.400	ng		#-0.01
13) Acenaphthene-d10	14.353	164	15205	0.400	ng		-0.01
19) Phenanthrene-d10	17.109	188	30152	0.400	ng		0.00
29) Chrysene-d12	21.320	240	19992	0.400	ng		# 0.00
35) Perylene-d12	23.637	264	18071	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	7116	0.289	ng		0.00
5) Phenol-d6	6.879	99	9070	0.287	ng		0.00
8) Nitrobenzene-d5	8.864	82	5339	0.227	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	19889m	0.435	ng		0.00
14) 2,4,6-Tribromophenol	15.855	330	1784	0.209	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	15968	0.239	ng		0.00
27) Fluoranthene-d10	19.148	212	22285	0.242	ng		0.00
31) Terphenyl-d14	19.761	244	14313	0.269	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	3508	0.354	ng	#	67
3) n-Nitrosodimethylamine	3.507	42	4589	0.403	ng		95
6) bis(2-Chloroethyl)ether	7.139	93	11529	0.440	ng		99
9) Naphthalene	10.551	128	41659	0.506	ng		100
10) Hexachlorobutadiene	10.840	225	5783	0.396	ng	#	98
12) 2-Methylnaphthalene	12.170	142	26331	0.467	ng		99
16) Acenaphthylene	14.075	152	49976	0.625	ng		99
17) Acenaphthene	14.417	154	36488	0.684	ng		98
18) Fluorene	15.412	166	40336	0.535	ng		99
20) 4,6-Dinitro-2-methylph...	15.487	198	1731	0.424	ng	#	31
21) 4-Bromophenyl-phenylether	16.302	248	8569	0.425	ng	#	75
22) Hexachlorobenzene	16.414	284	8812	0.418	ng		100
23) Atrazine	16.575	200	8113	0.457	ng	#	88
24) Pentachlorophenol	16.762	266	4579	0.507	ng		100
25) Phenanthrene	17.146	178	306717	3.067	ng		99
26) Anthracene	17.233	178	93308	1.018	ng		98
28) Fluoranthene	19.181	202	597868	4.987	ng		100
30) Pyrene	19.543	202	543192	5.705	ng	#	96
32) Benzo(a)anthracene	21.302	228	294636	3.526	ng		98
33) Chrysene	21.356	228	273996	3.284	ng		99
34) Bis(2-ethylhexyl)phtha...	21.257	149	154350	2.986	ng		99
36) Indeno(1,2,3-cd)pyrene	26.006	276	171606	2.354	ng		97
37) Benzo(b)fluoranthene	22.939	252	331089	4.446	ng		98
38) Benzo(k)fluoranthene	22.980	252	136277m	1.875	ng		
39) Benzo(a)pyrene	23.532	252	225629m	3.545	ng		
40) Dibenzo(a,h)anthracene	26.032	278	60731	1.069	ng		96
41) Benzo(g,h,i)perylene	26.733	276	167619	2.663	ng		99

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

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