Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110823\
Data File : BN028511.D
Acq On : 08 Nov 2023 22:43
Operator : MA/JU
Sample : 05196-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

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

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

Quant Time: Nov 08 23:30:55 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	10829	0.400	ng		0.00
7) Naphthalene-d8	10.498	136	34622	0.400	ng		#-0.01
13) Acenaphthene-d10	14.353	164	19858	0.400	ng		-0.01
19) Phenanthrene-d10	17.109	188	38226	0.400	ng		0.00
29) Chrysene-d12	21.320	240	23432	0.400	ng		# 0.00
35) Perylene-d12	23.631	264	21993	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	8172	0.252	ng		0.00
5) Phenol-d6	6.879	99	10521	0.253	ng		0.00
8) Nitrobenzene-d5	8.864	82	6162	0.199	ng		0.00
11) 2-Methylnaphthalene-d10	12.098	152	23734m	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.855	330	2081	0.187	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	18579	0.213	ng		0.00
27) Fluoranthene-d10	19.148	212	24218	0.207	ng		0.00
31) Terphenyl-d14	19.761	244	15455	0.248	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	3959	0.304	ng	#	62
3) n-Nitrosodimethylamine	3.507	42	5395	0.360	ng		96
6) bis(2-Chloroethyl)ether	7.139	93	13441	0.390	ng		99
9) Naphthalene	10.551	128	48891	0.452	ng		100
10) Hexachlorobutadiene	10.840	225	6813	0.355	ng	#	98
12) 2-Methylnaphthalene	12.170	142	30714	0.415	ng		99
16) Acenaphthylene	14.075	152	57771	0.553	ng		99
17) Acenaphthene	14.417	154	41710	0.599	ng		99
18) Fluorene	15.412	166	46090	0.468	ng	#	99
20) 4,6-Dinitro-2-methylph...	15.487	198	1904	0.391	ng	#	33
21) 4-Bromophenyl-phenylether	16.302	248	9816	0.384	ng	#	75
22) Hexachlorobenzene	16.414	284	9917	0.371	ng		100
23) Atrazine	16.575	200	9146	0.406	ng	#	89
24) Pentachlorophenol	16.762	266	4702	0.411	ng		99
25) Phenanthrene	17.146	178	342602	2.702	ng		100
26) Anthracene	17.233	178	105525	0.908	ng		99
28) Fluoranthene	19.181	202	643574	4.235	ng		99
30) Pyrene	19.543	202	579441	5.193	ng	#	96
32) Benzo(a)anthracene	21.302	228	303646	3.101	ng		97
33) Chrysene	21.356	228	276761	2.830	ng		98
34) Bis(2-ethylhexyl)phtha...	21.257	149	160794	2.654	ng		99
36) Indeno(1,2,3-cd)pyrene	26.006	276	192565	2.171	ng		97
37) Benzo(b)fluoranthene	22.936	252	340720	3.759	ng		97
38) Benzo(k)fluoranthene	22.980	252	153349m	1.733	ng		
39) Benzo(a)pyrene	23.532	252	244837m	3.161	ng		
40) Dibenzo(a,h)anthracene	26.026	278	68157	0.986	ng		98
41) Benzo(g,h,i)perylene	26.731	276	189332	2.471	ng		99

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

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