Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028434.D
Acq On : 02 Nov 2023 22:46
Operator : MA/JU
Sample : 05196-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/04/2023
Supervised By :mohammad ahmed 11/04/2023

Quant Time: Nov 03 01:50:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 02 06:26:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	10790	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	32872	0.400	ng	0.00
13) Acenaphthene-d10	14.364	164	18327	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	36670	0.400	ng	#-0.01
29) Chrysene-d12	21.319	240	26758	0.400	ng	# 0.00
35) Perylene-d12	23.634	264	24406	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	8645	0.307	ng	0.00
5) Phenol-d6	6.894	99	11043	0.309	ng	0.00
8) Nitrobenzene-d5	8.865	82	6261	0.295	ng	-0.01
11) 2-Methylnaphthalene-d10	12.110	152	22774m	0.484	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	1933	0.271	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	3189	0.147	ng	0.00
27) Fluoranthene-d10	19.152	212	27469	0.303	ng	0.00
31) Terphenyl-d14	19.766	244	17803	0.316	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	4626	0.387	ng	# 76
3) n-Nitrosodimethylamine	3.514	42	5668	0.425	ng	# 95
6) bis(2-Chloroethyl)ether	7.154	93	15011	0.486	ng	97
9) Naphthalene	10.562	128	51603	0.582	ng	99
10) Hexachlorobutadiene	10.861	225	7232	0.489	ng	# 100
12) 2-Methylnaphthalene	12.182	142	32897	0.532	ng	100
16) Acenaphthylene	14.086	152	62321	0.688	ng	99
17) Acenaphthene	14.428	154	44604	0.777	ng	99
18) Fluorene	15.411	166	49510	0.634	ng	99
20) 4,6-Dinitro-2-methylph...	15.486	198	1449	0.531	ng	# 57
21) 4-Bromophenyl-phenylether	16.314	248	10656	0.524	ng	# 88
22) Hexachlorobenzene	16.414	284	11053	0.515	ng	98
23) Atrazine	16.587	200	9502	0.557	ng	95
24) Pentachlorophenol	16.761	266	5401	0.698	ng	99
25) Phenanthrene	17.146	178	376008	3.471	ng	100
26) Anthracene	17.245	178	117146	1.133	ng	99
28) Fluoranthene	19.185	202	748218	5.918	ng	99
30) Pyrene	19.547	202	682481	6.115	ng	# 96
32) Benzo(a)anthracene	21.301	228	397016	3.739	ng	98
33) Chrysene	21.355	228	360256	3.406	ng	98
34) Bis(2-ethylhexyl)phtha...	21.266	149	177880	3.240	ng	99
36) Indeno(1,2,3-cd)pyrene	25.999	276	222646	2.359	ng	94
37) Benzo(b)fluoranthene	22.935	252	457639	4.878	ng	99
38) Benzo(k)fluoranthene	22.979	252	195660m	2.048	ng	
39) Benzo(a)pyrene	23.529	252	307532	3.701	ng	98
40) Dibenzo(a,h)anthracene	26.026	278	79257	1.016	ng	96
41) Benzo(g,h,i)perylene	26.727	276	212768	2.546	ng	98

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

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