Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028435.D
Acq On : 02 Nov 2023 23:22
Operator : MA/JU
Sample : 05196-02MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

Quant Time: Nov 03 01:51:16 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	7.724	152	14719	0.400	ng	0.00
7) Naphthalene-d8	10.509	136	44658	0.400	ng	0.00
13) Acenaphthene-d10	14.363	164	24489	0.400	ng	0.00
19) Phenanthrene-d10	17.109	188	47690	0.400	ng	#-0.01
29) Chrysene-d12	21.319	240	32559	0.400	ng	0.00
35) Perylene-d12	23.631	264	29608	0.400	ng	#-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.305	112	10483	0.273	ng	0.00
5) Phenol-d6	6.894	99	13441	0.276	ng	0.00
8) Nitrobenzene-d5	8.875	82	7573	0.262	ng	0.00
11) 2-Methylnaphthalene-d10	12.110	152	27435m	0.429	ng	0.00
14) 2,4,6-Tribromophenol	15.855	330	2357	0.247	ng	0.00
15) 2-Fluorobiphenyl	13.006	172	4070	0.140	ng	0.00
27) Fluoranthene-d10	19.152	212	30929	0.262	ng	0.00
31) Terphenyl-d14	19.765	244	19916	0.290	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.211	88	5130	0.315	ng	# 73
3) n-Nitrosodimethylamine	3.514	42	6782	0.373	ng	# 93
6) bis(2-Chloroethyl)ether	7.154	93	18009	0.427	ng	98
9) Naphthalene	10.562	128	61919	0.514	ng	100
10) Hexachlorobutadiene	10.861	225	8641	0.430	ng	# 99
12) 2-Methylnaphthalene	12.182	142	38938	0.464	ng	99
16) Acenaphthylene	14.086	152	72958	0.603	ng	99
17) Acenaphthene	14.428	154	52585	0.686	ng	99
18) Fluorene	15.411	166	57642	0.552	ng	99
20) 4,6-Dinitro-2-methylph...	15.486	198	1763	0.497	ng	# 57
21) 4-Bromophenyl-phenylether	16.314	248	12352	0.467	ng	# 86
22) Hexachlorobenzene	16.413	284	12783	0.458	ng	97
23) Atrazine	16.587	200	11123	0.502	ng	95
24) Pentachlorophenol	16.761	266	5770	0.574	ng	99
25) Phenanthrene	17.146	178	436130	3.096	ng	100
26) Anthracene	17.245	178	134649	1.001	ng	99
28) Fluoranthene	19.185	202	835056	5.078	ng	99
30) Pyrene	19.547	202	757170	5.575	ng	# 96
32) Benzo(a)anthracene	21.301	228	425228	3.291	ng	98
33) Chrysene	21.355	228	388692	3.020	ng	98
34) Bis(2-ethylhexyl)phtha...	21.266	149	201112	3.011	ng	99
36) Indeno(1,2,3-cd)pyrene	26.002	276	241080	2.111	ng	94
37) Benzo(b)fluoranthene	22.935	252	478827	4.216	ng	99
38) Benzo(k)fluoranthene	22.979	252	211929m	1.828	ng	
39) Benzo(a)pyrene	23.529	252	325105	3.225	ng	99
40) Dibenzo(a,h)anthracene	26.023	278	85671	0.905	ng	99
41) Benzo(g,h,i)perylene	26.727	276	232917	2.297	ng	98

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

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