Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110223\
Data File : BN028447.D
Acq On : 03 Nov 2023 07:08
Operator : MA/JU
Sample : 05220-05MS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
Z-7(0-5)MS

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

Quant Time: Nov 03 07:43:37 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	7.739	152	13096	0.400	ng	# 0.01
7) Naphthalene-d8	10.530	136	34124	0.400	ng	0.02
13) Acenaphthene-d10	14.374	164	28711	0.400	ng	0.01
19) Phenanthrene-d10	17.133	188	34250	0.400	ng	# 0.01
29) Chrysene-d12	21.355	240	27868	0.400	ng	# 0.03
35) Perylene-d12	23.675	264	35716	0.400	ng	# 0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	9629	0.282	ng	0.01
5) Phenol-d6	6.908	99	12195	0.281	ng	0.02
8) Nitrobenzene-d5	8.886	82	8193	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.121	152	27725m	0.568	ng	0.00
14) 2,4,6-Tribromophenol	15.867	330	3247	0.290	ng	0.01
15) 2-Fluorobiphenyl	13.006	172	13186	0.387	ng	0.00
27) Fluoranthene-d10	19.185	212	30610	0.362	ng	0.03
31) Terphenyl-d14	19.779	244	36570	0.623	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.203	88	2585	0.178	ng	# 70
3) n-Nitrosodimethylamine	3.514	42	4011	0.248	ng	# 92
6) bis(2-Chloroethyl)ether	7.161	93	12501	0.333	ng	# 95
9) Naphthalene	10.573	128	1813090	19.686	ng	100
10) Hexachlorobutadiene	10.872	225	6287	0.410	ng	# 100
12) 2-Methylnaphthalene	12.197	142	596626	9.296	ng	99
16) Acenaphthylene	14.096	152	5156044	36.359	ng	99
17) Acenaphthene	14.438	154	1328193	14.772	ng	98
18) Fluorene	15.432	166	3304298	27.004	ng	99
20) 4,6-Dinitro-2-methylph...	15.520	198	1223	0.480	ng	# 1
21) 4-Bromophenyl-phenylether	16.326	248	9298	0.490	ng	# 54
22) Hexachlorobenzene	16.438	284	9032	0.451	ng	# 75
23) Atrazine	16.600	200	10694	0.672	ng	# 44
24) Pentachlorophenol	16.786	266	9128	1.264	ng	99
25) Phenanthrene	17.183	178	16494636	163.032	ng	95
26) Anthracene	17.270	178	9467922	98.004	ng	97
28) Fluoranthene	19.217	202	19112233m	161.837	ng	
30) Pyrene	19.580	202	18716373	161.018	ng	# 85
32) Benzo(a)anthracene	21.337	228	12471986	112.773	ng	# 87
33) Chrysene	21.391	228	10470869	95.048	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.274	149	169986	2.973	ng	# 92
36) Indeno(1,2,3-cd)pyrene	26.113	276	7403333	52.573	ng	# 91
37) Benzo(b)fluoranthene	22.994	252	13418875	96.454	ng	97
38) Benzo(k)fluoranthene	23.032	252	5460482m	39.049	ng	
39) Benzo(a)pyrene	23.599	252	10991565	90.381	ng	96
40) Dibenzo(a,h)anthracene	26.116	278	2069395	18.120	ng	95
41) Benzo(g,h,i)perylene	26.853	276	6996403	57.202	ng	95

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

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