Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028220.D
Acq On : 11 Oct 2023 05:58
Operator : MA/JU
Sample : 04767-01MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
D-1(0-5)MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 06:56:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 10 00:42:22 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.921	152	3671	0.400	ng	0.00
7) Naphthalene-d8	10.735	136	11513	0.400	ng	0.00
13) Acenaphthene-d10	14.566	164	6909	0.400	ng	0.00
19) Phenanthrene-d10	17.319	188	12229	0.400	ng	0.00
29) Chrysene-d12	21.515	240	12968	0.400	ng	# 0.00
35) Perylene-d12	23.984	264	15998	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	3297	0.301	ng	0.00
5) Phenol-d6	7.084	99	4094	0.296	ng	0.00
8) Nitrobenzene-d5	9.112	82	2954	0.301	ng	-0.01
11) 2-Methylnaphthalene-d10	12.317	152	6727m	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.065	330	929	0.294	ng	-0.01
15) 2-Fluorobiphenyl	13.186	172	6453	0.259	ng	0.00
27) Fluoranthene-d10	19.356	212	8720	0.284	ng	0.00
31) Terphenyl-d14	19.941	244	8228	0.272	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.350	88	1344	0.326	ng	# 66
3) n-Nitrosodimethylamine	3.704	42	1720	0.365	ng	96
6) bis(2-Chloroethyl)ether	7.358	93	4329	0.389	ng	97
9) Naphthalene	10.789	128	88403	2.972	ng	98
10) Hexachlorobutadiene	11.002	225	2017	0.382	ng	# 100
12) 2-Methylnaphthalene	12.392	142	48837	2.347	ng	99
16) Acenaphthylene	14.288	152	395119	12.910	ng	100
17) Acenaphthene	14.630	154	60007	3.076	ng	99
18) Fluorene	15.606	166	100853	3.980	ng	92
20) 4,6-Dinitro-2-methylph...	16.772	198	610	3.753	ng	# 42
21) 4-Bromophenyl-phenylether	16.499	248	2544	0.399	ng	92
22) Hexachlorobenzene	16.586	284	2816	0.421	ng	# 91
23) Atrazine	16.772	200	2344	0.421	ng	# 86
24) Pentachlorophenol	16.959	266	12785	4.058	ng	94
25) Phenanthrene	17.368	178	1068862	32.420	ng	100
26) Anthracene	17.455	178	452502	14.521	ng	# 95
28) Fluoranthene	19.388	202	1557556	40.936	ng	99
30) Pyrene	19.755	202	1818521	38.242	ng	99
32) Benzo(a)anthracene	21.497	228	1030913	23.362	ng	98
33) Chrysene	21.551	228	892291	20.982	ng	97
34) Bis(2-ethylhexyl)phtha...	21.372	149	15445	0.532	ng	# 93
36) Indeno(1,2,3-cd)pyrene	26.580	276	513858	9.549	ng	97
37) Benzo(b)fluoranthene	23.224	252	996907	19.295	ng	# 89
38) Benzo(k)fluoranthene	23.267	252	381720m	7.284	ng	
39) Benzo(a)pyrene	23.876	252	861397m	17.631	ng	
40) Dibenzo(a,h)anthracene	26.589	278	164854	3.745	ng	98
41) Benzo(g,h,i)perylene	27.396	276	517790	11.459	ng	95

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

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