Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101023\
Data File : BN028201.D
Acq On : 10 Oct 2023 17:27
Operator : MA/JU
Sample : 04657-09MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
W-2(0-2IN)MS

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

Quant Time: Oct 10 18:41:36 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	4226	0.400	ng		0.00
7) Naphthalene-d8	10.735	136	13608m	0.400	ng		0.00
13) Acenaphthene-d10	14.565	164	7322	0.400	ng		0.00
19) Phenanthrene-d10	17.318	188	13450	0.400	ng		0.00
29) Chrysene-d12	21.515	240	12610m	0.400	ng		0.00
35) Perylene-d12	23.983	264	17907m	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.466	112	3754	0.298	ng		0.00
5) Phenol-d6	7.083	99	4849	0.305	ng		0.00
8) Nitrobenzene-d5	9.112	82	10007	0.864	ng		-0.01
11) 2-Methylnaphthalene-d10	12.316	152	7410m	0.368	ng		0.00
14) 2,4,6-Tribromophenol	16.065	330	929	0.277	ng		-0.01
15) 2-Fluorobiphenyl	13.186	172	7532	0.285	ng		0.00
27) Fluoranthene-d10	19.355	212	9050	0.268	ng		0.00
31) Terphenyl-d14	19.941	244	8770	0.298	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	1814	0.383	ng	#	60
3) n-Nitrosodimethylamine	3.703	42	2156	0.397	ng	#	96
6) bis(2-Chloroethyl)ether	7.358	93	5420	0.423	ng		99
9) Naphthalene	10.788	128	210250	5.980	ng		98
10) Hexachlorobutadiene	11.002	225	2347	0.376	ng	#	100
12) 2-Methylnaphthalene	12.392	142	83867	3.410	ng		99
16) Acenaphthylene	14.287	152	774640	23.882	ng		100
17) Acenaphthene	14.629	154	61077	2.954	ng		99
18) Fluorene	15.605	166	144938	5.397	ng		89
20) 4,6-Dinitro-2-methylph...	16.772	198	781	4.369	ng	#	39
21) 4-Bromophenyl-phenylether	16.499	248	2851	0.407	ng	#	87
22) Hexachlorobenzene	16.586	284	3151	0.428	ng	#	87
23) Atrazine	16.772	200	2686	0.439	ng	#	79
24) Pentachlorophenol	16.958	266	16739	4.830	ng		95
25) Phenanthrene	17.368	178	1212203	33.430	ng		100
26) Anthracene	17.455	178	729930	21.297	ng		97
28) Fluoranthene	19.388	202	2012857	48.099	ng		99
30) Pyrene	19.755	202	2381824	51.510	ng		98
32) Benzo(a)anthracene	21.497	228	1448143	33.749	ng		98
33) Chrysene	21.560	228	1268394	30.673	ng		96
34) Bis(2-ethylhexyl)phtha...	21.372	149	74018	2.623	ng		99
36) Indeno(1,2,3-cd)pyrene	26.574	276	888282	14.747	ng		97
37) Benzo(b)fluoranthene	23.223	252	1584801	27.403	ng	#	89
38) Benzo(k)fluoranthene	23.270	252	626539m	10.681	ng		
39) Benzo(a)pyrene	23.875	252	1450498m	26.524	ng		
40) Dibenzo(a,h)anthracene	26.583	278	273926	5.559	ng		97
41) Benzo(g,h,i)perylene	27.395	276	940759	18.601	ng		95

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

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