Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016496.D
Acq On : 26 Sep 2021 05:03
Operator : CG/JU
Sample : M3922-02MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SUP-UST-04-(6-8)MS

Manual Integrations APPROVED
mohammad
9/28/2021 1:37:16 PM

Quant Time: Sep 26 05:43:14 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 03:35:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.670	152	10346	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	43546	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	20619	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	41778	0.40	ng		0.00
29) Chrysene-d12	21.249	240	45088	0.40	ng		# 0.00
35) Perylene-d12	23.512	264	37652	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.309	112	14047	0.61	ng		0.03
5) Phenol-d6	6.859	99	16079	0.59	ng		0.00
8) Nitrobenzene-d5	8.810	82	17293	0.56	ng		0.00
11) 2-Methylnaphthalene-d10	12.025	152	45500	0.71	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	2602	0.46	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	50348	0.58	ng		-0.01
27) Fluoranthene-d10	19.083	212	78362	0.68	ng		0.00
31) Terphenyl-d14	19.698	244	54948	0.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.309	88	1721m	0.39	ng		
3) n-Nitrosodimethylamine	3.613	42	3515	0.33	ng	#	77
6) bis(2-Chloroethyl)ether	7.107	93	22724	0.82	ng		91
9) Naphthalene	10.483	128	82513	0.71	ng		100
10) Hexachlorobutadiene	10.774	225	17949	0.78	ng	#	99
12) 2-Methylnaphthalene	12.100	142	52857	0.72	ng		96
16) Acenaphthylene	14.002	152	69189	0.83	ng		99
17) Acenaphthene	14.357	154	42103	0.71	ng	#	94
18) Fluorene	15.347	166	54446	0.76	ng		98
20) 4,6-Dinitro-2-methylph...	15.423	198	322	0.21	ng		92
21) 4-Bromophenyl-phenylether	16.239	248	19848	0.81	ng	#	75
22) Hexachlorobenzene	16.348	284	19181	0.79	ng	#	89
23) Atrazine	16.518	200	6355	0.41	ng	#	94
24) Pentachlorophenol	16.701	266	2737	0.46	ng		99
25) Phenanthrene	17.078	178	87479	0.70	ng		99
26) Anthracene	17.176	178	76335	0.74	ng		99
28) Fluoranthene	19.112	202	109428	0.80	ng		98
30) Pyrene	19.480	202	110380	0.78	ng		99
32) Benzo(a)anthracene	21.238	228	109069	0.83	ng		100
33) Chrysene	21.280	228	113717	0.81	ng		98
34) Bis(2-ethylhexyl)phtha...	21.185	149	40692	1.14	ng		96
36) Indeno(1,2,3-cd)pyrene	25.808	276	91734	0.75	ng		98
37) Benzo(b)fluoranthene	22.831	252	103932	0.83	ng		98
38) Benzo(k)fluoranthene	22.878	252	104674	0.86	ng		99
39) Benzo(a)pyrene	23.412	252	90562	0.88	ng		96
40) Dibenzo(a,h)anthracene	25.829	278	74407	0.72	ng		95
41) Benzo(g,h,i)perylene	26.507	276	76550	0.72	ng		95

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

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