Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092521\
Data File : BN016497.D
Acq On : 26 Sep 2021 05:39
Operator : CG/JU
Sample : M3922-02MSD
Misc :
ALS Vial : 30 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/28/2021 1:37:18 PM

Quant Time: Sep 26 06:57:46 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	19363	0.40	ng		0.00
7) Naphthalene-d8	10.432	136	81127	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	38573	0.40	ng		0.00
19) Phenanthrene-d10	17.042	188	78279	0.40	ng		0.00
29) Chrysene-d12	21.249	240	84537	0.40	ng		0.00
35) Perylene-d12	23.512	264	71552	0.40	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.310	112	14279	0.33	ng		0.03
5) Phenol-d6	6.849	99	16594	0.32	ng		0.00
8) Nitrobenzene-d5	8.810	82	17623	0.31	ng		0.00
11) 2-Methylnaphthalene-d10	12.025	152	46980	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	2530	0.30	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	52178	0.32	ng		-0.01
27) Fluoranthene-d10	19.083	212	80874	0.38	ng		0.00
31) Terphenyl-d14	19.698	244	57528	0.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.309	88	1749m	0.21	ng		
3) n-Nitrosodimethylamine	3.613	42	3540	0.18	ng	#	71
6) bis(2-Chloroethyl)ether	7.108	93	23448	0.45	ng		90
9) Naphthalene	10.483	128	85422	0.39	ng		100
10) Hexachlorobutadiene	10.774	225	18626	0.43	ng	#	99
12) 2-Methylnaphthalene	12.101	142	54612	0.40	ng		97
16) Acenaphthylene	14.002	152	71236	0.45	ng		99
17) Acenaphthene	14.358	154	44036	0.40	ng	#	93
18) Fluorene	15.347	166	56067	0.42	ng		98
20) 4,6-Dinitro-2-methylph...	15.423	198	301	0.18	ng		89
21) 4-Bromophenyl-phenylether	16.239	248	20642	0.45	ng	#	76
22) Hexachlorobenzene	16.348	284	19932	0.44	ng	#	89
23) Atrazine	16.519	200	6100	0.28	ng		94
24) Pentachlorophenol	16.701	266	2271	0.34	ng		99
25) Phenanthrene	17.078	178	92576	0.40	ng		98
26) Anthracene	17.176	178	78992	0.41	ng		99
28) Fluoranthene	19.113	202	113691	0.45	ng		98
30) Pyrene	19.480	202	115308	0.44	ng		99
32) Benzo(a)anthracene	21.238	228	116143	0.47	ng		100
33) Chrysene	21.281	228	120072	0.46	ng		97
34) Bis(2-ethylhexyl)phtha...	21.185	149	39283	0.59	ng		96
36) Indeno(1,2,3-cd)pyrene	25.809	276	97898	0.42	ng		98
37) Benzo(b)fluoranthene	22.831	252	109099	0.46	ng		98
38) Benzo(k)fluoranthene	22.875	252	111138	0.48	ng		98
39) Benzo(a)pyrene	23.413	252	94970	0.49	ng	#	96
40) Dibenzo(a,h)anthracene	25.829	278	79544	0.40	ng		95
41) Benzo(g,h,i)perylene	26.510	276	80345	0.40	ng		94

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

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