Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092921\
Data File : BN016578.D
Acq On : 29 Sep 2021 16:16
Operator : CG/JU
Sample : M3922-02MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/30/2021 11:30:50 AM

Quant Time: Sep 29 16:49:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 29 10:56:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	25286	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	121164	0.400	ng	#	0.00
13) Acenaphthene-d10	14.281	164	65710	0.400	ng	#	0.00
19) Phenanthrene-d10	17.042	188	129765	0.400	ng	#	0.01
29) Chrysene-d12	21.248	240	124392	0.400	ng	#	0.00
35) Perylene-d12	23.505	264	115870	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	16625	0.264	ng		0.02
5) Phenol-d6	6.840	99	17985	0.285	ng		0.00
8) Nitrobenzene-d5	8.797	82	17284	0.269	ng		0.00
11) 2-Methylnaphthalene-d10	12.016	152	54942	0.319	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	6442	0.225	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	60097	0.222	ng		0.01
27) Fluoranthene-d10	19.078	212	92515	0.264	ng		0.00
31) Terphenyl-d14	19.688	244	65922	0.246	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	4641m	0.426	ng		
3) n-Nitrosodimethylamine	3.594	42	6497	0.324	ng	#	43
6) bis(2-Chloroethyl)ether	7.089	93	22545	0.339	ng		89
9) Naphthalene	10.470	128	97144	0.297	ng		100
10) Hexachlorobutadiene	10.761	225	18108	0.281	ng	#	99
12) 2-Methylnaphthalene	12.092	142	65211	0.320	ng		99
16) Acenaphthylene	14.002	152	86484	0.297	ng		100
17) Acenaphthene	14.345	154	57004	0.288	ng	#	92
18) Fluorene	15.334	166	71197	0.295	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	625	0.265	ng	#	87
21) 4-Bromophenyl-phenylether	16.238	248	25477	0.332	ng	#	71
22) Hexachlorobenzene	16.348	284	26005	0.284	ng		93
23) Atrazine	16.518	200	16884	0.357	ng		95
24) Pentachlorophenol	16.689	266	1918	0.254	ng		99
25) Phenanthrene	17.078	178	117714	0.302	ng		100
26) Anthracene	17.163	178	105053	0.310	ng		99
28) Fluoranthene	19.107	202	134773	0.316	ng	#	98
30) Pyrene	19.470	202	138544	0.327	ng		99
32) Benzo(a)anthracene	21.227	228	136326	0.354	ng		99
33) Chrysene	21.280	228	134087	0.341	ng		99
34) Bis(2-ethylhexyl)phtha...	21.185	149	77910	0.679	ng		99
36) Indeno(1,2,3-cd)pyrene	25.795	276	117640	0.318	ng		95
37) Benzo(b)fluoranthene	22.824	252	136123	0.352	ng		98
38) Benzo(k)fluoranthene	22.868	252	133725	0.355	ng	#	93
39) Benzo(a)pyrene	23.402	252	120531	0.340	ng		98
40) Dibenzo(a,h)anthracene	25.815	278	97313	0.379	ng	#	94
41) Benzo(g,h,i)perylene	26.493	276	93997	0.280	ng		97

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

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