Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092921\
Data File : BN016577.D
Acq On : 29 Sep 2021 15:38
Operator : CG/JU
Sample : M3922-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/30/2021 11:30:48 AM

Quant Time: Sep 29 16:08:50 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	7.652	152	25270	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	120299	0.400	ng	#	0.00
13) Acenaphthene-d10	14.281	164	65086	0.400	ng	#	0.00
19) Phenanthrene-d10	17.030	188	126457	0.400	ng	#	0.00
29) Chrysene-d12	21.249	240	123557	0.400	ng	#	0.00
35) Perylene-d12	23.505	264	115386	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	16566	0.263	ng		0.02
5) Phenol-d6	6.840	99	17862	0.283	ng		0.00
8) Nitrobenzene-d5	8.797	82	17324	0.271	ng		0.00
11) 2-Methylnaphthalene-d10	12.016	152	54431	0.318	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	6367	0.224	ng		0.00
15) 2-Fluorobiphenyl	12.911	172	59445	0.222	ng		0.01
27) Fluoranthene-d10	19.078	212	90411	0.265	ng		0.00
31) Terphenyl-d14	19.688	244	64380	0.242	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	4832m	0.444	ng		
3) n-Nitrosodimethylamine	3.604	42	6389	0.318	ng	#	41
6) bis(2-Chloroethyl)ether	7.089	93	22541	0.339	ng		88
9) Naphthalene	10.470	128	95946	0.296	ng		99
10) Hexachlorobutadiene	10.761	225	18064	0.282	ng	#	99
12) 2-Methylnaphthalene	12.092	142	64775	0.321	ng		99
16) Acenaphthylene	14.002	152	85343	0.296	ng		100
17) Acenaphthene	14.345	154	55754	0.284	ng	#	93
18) Fluorene	15.334	166	69891	0.293	ng		100
20) 4,6-Dinitro-2-methylph...	15.423	198	584	0.263	ng	#	88
21) 4-Bromophenyl-phenylether	16.239	248	24852	0.332	ng	#	70
22) Hexachlorobenzene	16.336	284	25796	0.289	ng		93
23) Atrazine	16.519	200	16670	0.360	ng		95
24) Pentachlorophenol	16.689	266	1920	0.255	ng		100
25) Phenanthrene	17.078	178	113919	0.299	ng		99
26) Anthracene	17.163	178	103525	0.313	ng		99
28) Fluoranthene	19.108	202	132481	0.319	ng	#	98
30) Pyrene	19.470	202	135888	0.323	ng		100
32) Benzo(a)anthracene	21.227	228	131244	0.343	ng		99
33) Chrysene	21.280	228	135122	0.346	ng		99
34) Bis(2-ethylhexyl)phtha...	21.174	149	75944	0.666	ng		99
36) Indeno(1,2,3-cd)pyrene	25.795	276	117797	0.320	ng		96
37) Benzo(b)fluoranthene	22.820	252	133624	0.347	ng	#	99
38) Benzo(k)fluoranthene	22.868	252	133550	0.356	ng	#	94
39) Benzo(a)pyrene	23.402	252	121038	0.343	ng		98
40) Dibenzo(a,h)anthracene	25.812	278	97271	0.380	ng	#	95
41) Benzo(g,h,i)perylene	26.490	276	93151	0.278	ng		97

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

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