Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121321\
Data File : BN017971.D
Acq On : 13 Dec 2021 14:30
Operator : CG/JU
Sample : M4922-19MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE139D2-20211130MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/14/2021
Supervised By :Jagrut Upadhyay 12/14/2021

Quant Time: Dec 14 03:41:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	24537	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	101609	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	65667	0.400	ng		0.00
19) Phenanthrene-d10	17.080	188	136790	0.400	ng		#-0.01
29) Chrysene-d12	21.293	240	92912	0.400	ng		0.00
35) Perylene-d12	23.589	264	57584	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.336	112	5947	0.118	ng		0.00
5) Phenol-d6	6.903	99	3602	0.072	ng		0.00
8) Nitrobenzene-d5	8.846	82	15029	0.227	ng		-0.01
11) 2-Methylnaphthalene-d10	12.085	152	59256m	0.332	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	4799	0.466	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	62819	0.272	ng		0.00
27) Fluoranthene-d10	19.124	212	130591	0.295	ng		0.00
31) Terphenyl-d14	19.730	244	97939	0.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.280	88	13217m	1.775	ng		
3) n-Nitrosodimethylamine	3.602	42	3705	0.165	ng	#	90
6) bis(2-Chloroethyl)ether	7.143	93	22372	0.363	ng		99
9) Naphthalene	10.532	128	83488	0.330	ng		100
10) Hexachlorobutadiene	10.836	225	20568	0.286	ng	#	100
12) 2-Methylnaphthalene	12.156	142	59115	0.352	ng		99
16) Acenaphthylene	14.056	152	83640	0.341	ng		99
17) Acenaphthene	14.398	154	55601	0.326	ng		99
18) Fluorene	15.388	166	74280	0.358	ng		100
20) 4,6-Dinitro-2-methylph...	15.515	198	122	0.600	ng		88
21) 4-Bromophenyl-phenylether	16.277	248	27960	0.357	ng	#	86
22) Hexachlorobenzene	16.399	284	33657	0.329	ng		99
23) Atrazine	16.557	200	18919	0.372	ng		99
24) Pentachlorophenol	16.752	266	4886	1.038	ng		98
25) Phenanthrene	17.129	178	138538	0.396	ng		99
26) Anthracene	17.214	178	121993	0.419	ng		98
28) Fluoranthene	19.154	202	190187	0.442	ng		100
30) Pyrene	19.517	202	191122	0.525	ng		100
32) Benzo(a)anthracene	21.272	228	110846	0.422	ng		98
33) Chrysene	21.325	228	122741	0.402	ng		100
34) Bis(2-ethylhexyl)phtha...	21.219	149	72841	0.730	ng		100
36) Indeno(1,2,3-cd)pyrene	25.968	276	33535m	0.365	ng		
37) Benzo(b)fluoranthene	22.894	252	78601	0.413	ng		99
38) Benzo(k)fluoranthene	22.935	252	71851	0.388	ng		100
39) Benzo(a)pyrene	23.490	252	71575	0.423	ng	#	94
40) Dibenzo(a,h)anthracene	25.985	278	21358m	0.359	ng		
41) Benzo(g,h,i)perylene	26.673	276	33894	0.370	ng		99

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

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