Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091721\
Data File : BN016306.D
Acq On : 17 Sep 2021 19:51
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

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Quant Time: Sep 17 23:46:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 17 17:56:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	26293	0.400	ng		0.00
7) Naphthalene-d8	10.457	136	104341	0.400	ng	#	0.00
13) Acenaphthene-d10	14.307	164	57714	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	115612	0.400	ng	#	0.00
29) Chrysene-d12	21.259	240	114386	0.400	ng	#	0.00
35) Perylene-d12	23.525	264	123944	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.300	112	293276	4.373	ng		0.00
5) Phenol-d6	6.868	99	353998	4.217	ng		0.00
8) Nitrobenzene-d5	8.835	82	334221	3.986	ng		0.00
11) 2-Methylnaphthalene-d10	12.052	152	774888	4.756	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	97605	4.122	ng		0.00
15) 2-Fluorobiphenyl	12.936	172	1060409	4.692	ng		0.00
27) Fluoranthene-d10	19.103	212	1596216	4.699	ng		0.00
31) Terphenyl-d14	19.713	244	1327022	4.624	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	49723m	5.329	ng		
3) n-Nitrosodimethylamine	3.613	42	134303m	6.941	ng		
6) bis(2-Chloroethyl)ether	7.135	93	313821	4.534	ng		95
9) Naphthalene	10.508	128	1313322	4.711	ng		100
10) Hexachlorobutadiene	10.799	225	256397	4.510	ng	#	99
12) 2-Methylnaphthalene	12.127	142	852318	4.542	ng		99
16) Acenaphthylene	14.028	152	1293810	5.010	ng		99
17) Acenaphthene	14.370	154	810701	4.836	ng		97
18) Fluorene	15.360	166	990836	4.777	ng		100
21) 4-Bromophenyl-phenylether	16.263	248	323724	5.233	ng	#	90
22) Hexachlorobenzene	16.372	284	305664	4.124	ng	#	91
23) Atrazine	16.543	200	308690	5.428	ng		94
24) Pentachlorophenol	16.713	266	141446	10.784	ng		98
25) Phenanthrene	17.103	178	1553430	4.628	ng		99
26) Anthracene	17.200	178	1500284	4.858	ng		99
28) Fluoranthene	19.132	202	1739394	4.413	ng		99
30) Pyrene	19.495	202	1831942	4.725	ng		99
32) Benzo(a)anthracene	21.249	228	1911948	5.361	ng		99
33) Chrysene	21.302	228	1837498	5.199	ng		99
34) Bis(2-ethylhexyl)phtha...	21.206	149	1138737	5.188	ng		99
36) Indeno(1,2,3-cd)pyrene	25.832	276	2155420	10.448	ng		99
37) Benzo(b)fluoranthene	22.848	252	1953952	4.083	ng		98
38) Benzo(k)fluoranthene	22.892	252	1909154	4.476	ng		98
39) Benzo(a)pyrene	23.430	252	1825321	5.131	ng		96
40) Dibenzo(a,h)anthracene	25.856	278	1827978	11.592	ng		94
41) Benzo(g,h,i)perylene	26.531	276	1842105	10.753	ng		95

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

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