Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016222.D
Acq On : 05 Sep 2021 09:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 06 06:22:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 02:08:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.873	152	14125	0.400	ng	0.00
7) Naphthalene-d8	10.660	136	74497	0.400	ng	0.00
13) Acenaphthene-d10	14.497	164	45207	0.400	ng	0.00
19) Phenanthrene-d10	17.249	188	93383	0.400	ng	0.00
29) Chrysene-d12	21.429	240	99870	0.400	ng	0.00
35) Perylene-d12	23.827	264	90342	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.466	112	15645	0.392	ng	0.00
5) Phenol-d6	7.052	99	19891	0.390	ng	0.02
8) Nitrobenzene-d5	9.025	82	22126	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.252	152	48664	0.410	ng	0.00
14) 2,4,6-Tribromophenol	15.994	330	8724	0.432	ng	0.00
15) 2-Fluorobiphenyl	13.127	172	65756	0.386	ng	0.00
27) Fluoranthene-d10	19.276	212	111433	0.397	ng	0.00
31) Terphenyl-d14	19.872	244	94477	0.374	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	1629	0.360	ng	# 53
3) n-Nitrosodimethylamine	3.742	42	4345	0.395	ng	# 98
6) bis(2-Chloroethyl)ether	7.301	93	15303	0.415	ng	99
9) Naphthalene	10.711	128	77879	0.395	ng	100
10) Hexachlorobutadiene	11.002	225	16184	0.403	ng	# 100
12) 2-Methylnaphthalene	12.323	142	54772	0.412	ng	100
16) Acenaphthylene	14.218	152	78938	0.389	ng	100
17) Acenaphthene	14.560	154	50524	0.393	ng	100
18) Fluorene	15.550	166	64348	0.399	ng	100
20) 4,6-Dinitro-2-methylph...	15.639	198	1621	0.469	ng	# 74
21) 4-Bromophenyl-phenylether	16.433	248	19267	0.391	ng	95
22) Hexachlorobenzene	16.555	284	22331	0.384	ng	100
23) Atrazine	16.701	200	17958	0.360	ng	97
24) Pentachlorophenol	16.896	266	4959	0.550	ng	97
25) Phenanthrene	17.285	178	102180	0.391	ng	100
26) Anthracene	17.370	178	97252	0.390	ng	100
28) Fluoranthene	19.306	202	124028	0.400	ng	100
30) Pyrene	19.668	202	127862	0.393	ng	100
32) Benzo(a)anthracene	21.418	228	130081	0.388	ng	100
33) Chrysene	21.472	228	128293	0.394	ng	100
34) Bis(2-ethylhexyl)phtha...	21.344	149	80200	0.355	ng	99
36) Indeno(1,2,3-cd)pyrene	26.301	276	99568	0.396	ng	99
37) Benzo(b)fluoranthene	23.098	252	125756	0.408	ng	96
38) Benzo(k)fluoranthene	23.142	252	118245	0.419	ng	99
39) Benzo(a)pyrene	23.717	252	112734	0.412	ng	# 91
40) Dibenzo(a,h)anthracene	26.315	278	85115	0.406	ng	99
41) Benzo(g,h,i)perylene	27.061	276	76622	0.363	ng	99

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

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