Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092221\
Data File : BN016410.D
Acq On : 22 Sep 2021 13:56
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 22 14:44:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 21 13:21:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22331	0.400	ng	0.00
7) Naphthalene-d8	10.444	136	95243	0.400	ng	# 0.00
13) Acenaphthene-d10	14.294	164	50936	0.400	ng	-0.01
19) Phenanthrene-d10	17.054	188	99562	0.400	ng	# 0.00
29) Chrysene-d12	21.259	240	89111	0.400	ng	0.00
35) Perylene-d12	23.522	264	75349	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.282	112	20448	0.365	ng	0.00
5) Phenol-d6	6.849	99	24026	0.354	ng	0.00
8) Nitrobenzene-d5	8.809	82	23519	0.416	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	54309	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	5541	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	77542	0.389	ng	0.00
27) Fluoranthene-d10	19.092	212	98388	0.341	ng	0.00
31) Terphenyl-d14	19.703	244	85159	0.413	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3697	0.398	ng	# 87
3) n-Nitrosodimethylamine	3.603	42	8990	0.423	ng	# 1
6) bis(2-Chloroethyl)ether	7.107	93	24129	0.399	ng	94
9) Naphthalene	10.482	128	95700	0.373	ng	99
10) Hexachlorobutadiene	10.774	225	18919	0.388	ng	# 99
12) 2-Methylnaphthalene	12.109	142	62350	0.367	ng	99
16) Acenaphthylene	14.015	152	74471	0.314	ng	99
17) Acenaphthene	14.357	154	55035	0.374	ng	99
18) Fluorene	15.347	166	66058	0.362	ng	99
20) 4,6-Dinitro-2-methylph...	15.436	198	2834	0.663	ng	# 64
21) 4-Bromophenyl-phenylether	16.251	248	20968	0.360	ng	# 91
22) Hexachlorobenzene	16.360	284	20647	0.375	ng	# 90
23) Atrazine	16.530	200	14933	0.280	ng	97
24) Pentachlorophenol	16.701	266	7324	0.395	ng	98
25) Phenanthrene	17.090	178	107635	0.383	ng	99
26) Anthracene	17.188	178	88429	0.325	ng	99
28) Fluoranthene	19.122	202	118353	0.365	ng	99
30) Pyrene	19.485	202	115590	0.410	ng	99
32) Benzo(a)anthracene	21.238	228	101480	0.354	ng	97
33) Chrysene	21.291	228	110262	0.398	ng	98
34) Bis(2-ethylhexyl)phtha...	21.195	149	34526	0.224	ng	98
36) Indeno(1,2,3-cd)pyrene	25.822	276	98646	0.405	ng	98
37) Benzo(b)fluoranthene	22.841	252	100616	0.420	ng	98
38) Benzo(k)fluoranthene	22.885	252	94698	0.411	ng	99
39) Benzo(a)pyrene	23.423	252	80654	0.373	ng	97
40) Dibenzo(a,h)anthracene	25.839	278	85024	0.412	ng	94
41) Benzo(g,h,i)perylene	26.520	276	86751	0.422	ng	95

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

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