Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071521\
Data File : BN015580.D
Acq On : 15 Jul 2021 15:54
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN071521

Quant Time: Jul 15 16:39:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 15:46:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.799	152	13736	0.400	ng	# 0.00
7) Naphthalene-d8	10.584	136	60799	0.400	ng	0.00
13) Acenaphthene-d10	14.434	164	31425	0.400	ng	0.00
19) Phenanthrene-d10	17.176	188	56715	0.400	ng	0.00
29) Chrysene-d12	21.376	240	51912	0.400	ng	# 0.00
35) Perylene-d12	23.734	264	46876	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	16103	0.409	ng	0.00
5) Phenol-d6	6.969	99	19210	0.410	ng	0.00
8) Nitrobenzene-d5	8.949	82	16408	0.375	ng	0.00
11) 2-Methylnaphthalene-d10	12.176	152	37728	0.377	ng	0.00
14) 2,4,6-Tribromophenol	15.918	330	4128	0.391	ng	0.00
15) 2-Fluorobiphenyl	13.051	172	48285	0.381	ng	0.00
27) Fluoranthene-d10	19.217	212	63151	0.368	ng	0.00
31) Terphenyl-d14	19.822	244	46793	0.380	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2917	0.434	ng	# 33
3) n-Nitrosodimethylamine	3.696	42	4462	0.394	ng	79
6) bis(2-Chloroethyl)ether	7.227	93	16687	0.398	ng	# 85
9) Naphthalene	10.635	128	67343	0.382	ng	97
10) Hexachlorobutadiene	10.926	225	12798	0.388	ng	# 98
12) 2-Methylnaphthalene	12.252	142	43580	0.389	ng	# 89
16) Acenaphthylene	14.142	152	54115	0.370	ng	98
17) Acenaphthene	14.497	154	37389	0.383	ng	98
18) Fluorene	15.474	166	44942	0.383	ng	99
20) 4,6-Dinitro-2-methylph...	15.563	198	362	0.616	ng	# 82
21) 4-Bromophenyl-phenylether	16.372	248	13792	0.383	ng	# 87
22) Hexachlorobenzene	16.494	284	15460	0.382	ng	# 92
23) Atrazine	16.640	200	9383	0.385	ng	92
24) Pentachlorophenol	16.835	266	1960	0.460	ng	99
25) Phenanthrene	17.224	178	70478	0.385	ng	99
26) Anthracene	17.310	178	58988	0.375	ng	99
28) Fluoranthene	19.247	202	76858	0.387	ng	# 97
30) Pyrene	19.609	202	76679	0.384	ng	99
32) Benzo(a)anthracene	21.365	228	69882	0.385	ng	98
33) Chrysene	21.419	228	73912	0.385	ng	97
34) Bis(2-ethylhexyl)phtha...	21.302	149	36148	0.465	ng	# 87
36) Indeno(1,2,3-cd)pyrene	26.144	276	61510	0.367	ng	# 86
37) Benzo(b)fluoranthene	23.019	252	70432	0.383	ng	# 96
38) Benzo(k)fluoranthene	23.067	252	71906	0.387	ng	# 94
39) Benzo(a)pyrene	23.628	252	60036	0.379	ng	# 93
40) Dibenzo(a,h)anthracene	26.168	278	48733	0.371	ng	# 91
41) Benzo(g,h,i)perylene	26.883	276	51347	0.362	ng	# 89

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

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