Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111621\
Data File : BN017468.D
Acq On : 16 Nov 2021 10:06
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICCC0.4

Quant Time: Nov 16 11:42:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 16 11:40:41 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.874	152	25511	0.400	ng	0.00
7) Naphthalene-d8	10.661	136	114365	0.400	ng	# 0.00
13) Acenaphthene-d10	14.498	164	58889	0.400	ng	0.00
19) Phenanthrene-d10	17.238	188	101410	0.400	ng	0.00
29) Chrysene-d12	21.420	240	81078	0.400	ng	# 0.00
35) Perylene-d12	23.801	264	57478	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.449	112	25798	0.439	ng	0.00
5) Phenol-d6	7.035	99	27623	0.426	ng	0.00
8) Nitrobenzene-d5	9.014	82	26748	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	12.253	152	75486	0.448	ng	0.00
14) 2,4,6-Tribromophenol	15.983	330	5407	0.246	ng	0.00
15) 2-Fluorobiphenyl	13.128	172	92503	0.413	ng	0.00
27) Fluoranthene-d10	19.268	212	117398	0.454	ng	0.00
31) Terphenyl-d14	19.868	244	82585	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	3996	0.280	ng	# 86
3) n-Nitrosodimethylamine	3.743	42	8025	0.366	ng	94
6) bis(2-Chloroethyl)ether	7.302	93	28779	0.422	ng	95
9) Naphthalene	10.712	128	114997	0.382	ng	100
10) Hexachlorobutadiene	11.016	225	24092	0.408	ng	# 100
12) 2-Methylnaphthalene	12.329	142	74292	0.375	ng	98
16) Acenaphthylene	14.206	152	79981	0.333	ng	99
17) Acenaphthene	14.562	154	62897	0.380	ng	98
18) Fluorene	15.539	166	72257	0.366	ng	100
20) 4,6-Dinitro-2-methylph...	15.615	198	835	0.080	ng	# 87
21) 4-Bromophenyl-phenylether	16.435	248	22159	0.390	ng	# 74
22) Hexachlorobenzene	16.556	284	25627	0.402	ng	98
23) Atrazine	16.702	200	12076	0.315	ng	# 94
24) Pentachlorophenol	16.897	266	4262	0.190	ng	99
25) Phenanthrene	17.274	178	110609	0.381	ng	100
26) Anthracene	17.372	178	86486	0.357	ng	100
28) Fluoranthene	19.297	202	119256	0.380	ng	100
30) Pyrene	19.660	202	116659	0.445	ng	100
32) Benzo(a)anthracene	21.409	228	93793	0.381	ng	100
33) Chrysene	21.462	228	102736	0.392	ng	99
34) Bis(2-ethylhexyl)phtha...	21.345	149	44550	0.513	ng	98
36) Indeno(1,2,3-cd)pyrene	26.255	276	46212	0.230	ng	99
37) Benzo(b)fluoranthene	23.078	252	84077	0.447	ng	98
38) Benzo(k)fluoranthene	23.123	252	77221	0.411	ng	97
39) Benzo(a)pyrene	23.691	252	63610	0.382	ng	97
40) Dibenzo(a,h)anthracene	26.275	278	34391	0.212	ng	95
41) Benzo(g,h,i)perylene	27.001	276	45463	0.260	ng	98

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

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