Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111921\
Data File : BN017520.D
Acq On : 19 Nov 2021 12:54
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Nov 19 14:29:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN111921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 19 12:29:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	29941	0.400	ng		0.00
7) Naphthalene-d8	10.661	136	129637	0.400	ng		0.00
13) Acenaphthene-d10	14.485	164	69793	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	134007	0.400	ng	#	0.00
29) Chrysene-d12	21.409	240	128572	0.400	ng	#	0.00
35) Perylene-d12	23.780	264	103968	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.439	112	124112	1.742	ng		0.00
5) Phenol-d6	7.025	99	141140	1.841	ng		0.00
8) Nitrobenzene-d5	9.013	82	144212	1.795	ng		0.00
11) 2-Methylnaphthalene-d10	12.244	152	361166	1.695	ng		0.00
14) 2,4,6-Tribromophenol	15.970	330	42089	2.374	ng		0.00
15) 2-Fluorobiphenyl	13.115	172	427332	1.623	ng		0.00
27) Fluoranthene-d10	19.257	212	706771	1.766	ng		0.00
31) Terphenyl-d14	19.858	244	463317	1.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.383	88	24983	1.895	ng		97
3) n-Nitrosodimethylamine	3.706	42	50867	2.027	ng		96
6) bis(2-Chloroethyl)ether	7.293	93	141943	1.728	ng		96
9) Naphthalene	10.699	128	538432	1.653	ng		100
10) Hexachlorobutadiene	11.003	225	107369	1.577	ng	#	100
12) 2-Methylnaphthalene	12.315	142	350184	1.698	ng		98
16) Acenaphthylene	14.206	152	498862	1.918	ng		100
17) Acenaphthene	14.549	154	320890	1.701	ng		98
18) Fluorene	15.526	166	393929	1.817	ng		100
20) 4,6-Dinitro-2-methylph...	15.602	198	14348	2.725	ng	#	87
21) 4-Bromophenyl-phenylether	16.422	248	125544	1.654	ng	#	78
22) Hexachlorobenzene	16.544	284	132177	1.541	ng		96
23) Atrazine	16.690	200	96507	2.226	ng		97
24) Pentachlorophenol	16.884	266	43198	2.519	ng		100
25) Phenanthrene	17.262	178	626598	1.701	ng		100
26) Anthracene	17.359	178	559243	1.831	ng		100
28) Fluoranthene	19.287	202	706080	1.787	ng		99
30) Pyrene	19.649	202	715576	1.549	ng		100
32) Benzo(a)anthracene	21.398	228	697148	1.751	ng		99
33) Chrysene	21.451	228	701037	1.713	ng		99
34) Bis(2-ethylhexyl)phtha...	21.334	149	326165	1.568	ng	#	99
36) Indeno(1,2,3-cd)pyrene	26.220	276	557812	2.325	ng		97
37) Benzo(b)fluoranthene	23.057	252	665387	1.704	ng		99
38) Benzo(k)fluoranthene	23.105	252	613994	1.710	ng		99
39) Benzo(a)pyrene	23.673	252	554046	1.829	ng		99
40) Dibenzo(a,h)anthracene	26.237	278	458061	2.509	ng		97
41) Benzo(g,h,i)perylene	26.966	276	473540	2.098	ng		97

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

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