

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020723\
 Data File : BN023987.D
 Acq On : 08 Feb 2023 03:00
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Feb 08 03:40:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN020723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 02:37:27 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Christian
 Giraldo

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.840	152	4956	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	12528	0.400	ng	0.00
13) Acenaphthene-d10	14.484	164	7829	0.400	ng	0.00
19) Phenanthrene-d10	17.241	188	17485	0.400	ng	0.00
29) Chrysene-d12	21.428	240	12986	0.400	ng	# 0.00
35) Perylene-d12	23.808	264	9262	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	3671	0.356	ng	0.00
5) Phenol-d6	7.009	99	4327	0.357	ng	0.00
8) Nitrobenzene-d5	9.003	82	3527	0.351	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	6239	0.358	ng	0.00
14) 2,4,6-Tribromophenol	15.987	330	1273	0.316	ng	0.00
15) 2-Fluorobiphenyl	13.116	172	11170	0.361	ng	0.00
27) Fluoranthene-d10	19.271	212	13904	0.328	ng	0.00
31) Terphenyl-d14	19.869	244	9294	0.384	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.268	88	1773	0.377	ng	97
3) n-Nitrosodimethylamine	3.600	42	1952	0.371	ng	# 94
6) bis(2-Chloroethyl)ether	7.262	93	4667	0.385	ng	99
9) Naphthalene	10.690	128	11302	0.362	ng	100
10) Hexachlorobutadiene	10.979	225	3068	0.374	ng	# 99
12) 2-Methylnaphthalene	12.310	142	7530	0.362	ng	97
16) Acenaphthylene	14.207	152	9948	0.326	ng	99
17) Acenaphthene	14.549	154	7468	0.360	ng	100
18) Fluorene	15.532	166	10040	0.357	ng	99
20) 4,6-Dinitro-2-methylph...	15.628	198	780	0.384	ng	# 86
21) 4-Bromophenyl-phenylether	16.434	248	3899	0.343	ng	98
22) Hexachlorobenzene	16.546	284	4790	0.351	ng	99
23) Atrazine	16.707	200	2354	0.316	ng	98
24) Pentachlorophenol	16.893	266	1350	0.372	ng	94
25) Phenanthrene	17.278	178	16339	0.339	ng	100
26) Anthracene	17.365	178	12952	0.326	ng	100
28) Fluoranthene	19.300	202	18096	0.327	ng	100
30) Pyrene	19.663	202	17777	0.395	ng	99
32) Benzo(a)anthracene	21.410	228	13621	0.328	ng	99
33) Chrysene	21.464	228	16097	0.359	ng	100
34) Bis(2-ethylhexyl)phtha...	21.339	149	5351	0.282	ng	99
36) Indeno(1,2,3-cd)pyrene	26.264	276	14612	0.347	ng	99
37) Benzo(b)fluoranthene	23.083	252	13684m	0.365	ng	
38) Benzo(k)fluoranthene	23.132	252	13481	0.364	ng	96
39) Benzo(a)pyrene	23.702	252	9713	0.342	ng	94
40) Dibenzo(a,h)anthracene	26.284	278	11839	0.351	ng	99
41) Benzo(g,h,i)perylene	27.012	276	12907	0.361	ng	99

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

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