Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111122\
Data File : BN022597.D
Acq On : 10 Nov 2022 12:29
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 10 23:12:30 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 23:09:20 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.892	152	2144	0.400	ng		0.00
7) Naphthalene-d8	10.720	136	5869	0.400	ng		0.00
13) Acenaphthene-d10	14.568	164	3480	0.400	ng		0.00
19) Phenanthrene-d10	17.325	188	6923	0.400	ng		0.00
29) Chrysene-d12	21.537	240	6069	0.400	ng		0.00
35) Perylene-d12	23.979	264	5300	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.443	112	28346	4.682	ng		0.00
5) Phenol-d6	7.083	99	37219	4.877	ng		0.00
8) Nitrobenzene-d5	9.065	82	30434	5.739	ng		-0.01
11) 2-Methylnaphthalene-d10	12.315	152	49517	5.026	ng		0.00
14) 2,4,6-Tribromophenol	16.071	330	9592	5.250	ng		0.00
15) 2-Fluorobiphenyl	13.188	172	71734	4.947	ng		-0.01
27) Fluoranthene-d10	19.373	212	101245	5.353	ng		0.00
31) Terphenyl-d14	19.972	244	94756	5.010	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	13512	4.193	ng		98
3) n-Nitrosodimethylamine	3.580	42	14914	4.460	ng	#	98
6) bis(2-Chloroethyl)ether	7.314	93	32650	4.778	ng		99
9) Naphthalene	10.763	128	87890	4.943	ng		98
10) Hexachlorobutadiene	11.051	225	15842	5.165	ng	#	99
12) 2-Methylnaphthalene	12.047	142	21138	4.996	ng	#	79
16) Acenaphthylene	14.290	152	92257	5.223	ng		100
17) Acenaphthene	14.632	154	57666	5.066	ng		98
18) Fluorene	15.626	166	77204	4.839	ng		96
20) 4,6-Dinitro-2-methylph...	15.711	198	7340	6.486	ng	#	65
21) 4-Bromophenyl-phenylether	16.518	248	21605	5.053	ng		93
22) Hexachlorobenzene	16.630	284	24236	4.960	ng		99
23) Atrazine	16.791	200	19366	5.029	ng		94
24) Pentachlorophenol	16.990	266	11198	6.066	ng		95
25) Phenanthrene	17.375	178	116572	5.038	ng		99
26) Anthracene	17.462	178	105686	5.191	ng		100
28) Fluoranthene	19.403	202	127683	5.120	ng		99
30) Pyrene	19.765	202	128567	4.906	ng		100
32) Benzo(a)anthracene	21.519	228	117455	4.813	ng		97
33) Chrysene	21.573	228	116895	4.836	ng		98
34) Bis(2-ethylhexyl)phtha...	21.439	149	70161	3.412	ng		99
36) Indeno(1,2,3-cd)pyrene	26.525	276	129406	5.071	ng		99
37) Benzo(b)fluoranthene	23.227	252	111782	5.364	ng	#	89
38) Benzo(k)fluoranthene	23.274	252	113176	5.326	ng	#	90
39) Benzo(a)pyrene	23.865	252	91497	5.126	ng	#	81
40) Dibenzo(a,h)anthracene	26.546	278	104502	5.148	ng	#	91
41) Benzo(g,h,i)perylene	27.315	276	106839	4.954	ng		96

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

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